



Awatere ECE Hub

Awatere ECE Hub Community Trust

Redwood Street, Seddon

GENERAL NOTES

UNLESS OTHERWISE INDICATED, ALL DIMENSIONS ARE GIVEN IN MILLIMETERS. DO NOT SCALE OFF DRAWINGS.

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PROJECT INFORMATION

Territorial Authority: MDC

Reference Numbers

Resource Consent: U- Not required

Project Information Memorandum:

Building Consent:

Legal Description: Lot PT, DP SEC 1 Seddon

Resource Management Plan: Wairau Awatere

Zone: Township Residential

Topographic Class : T1

Earthquake Zone : Zone 3

Exposure Zone : B

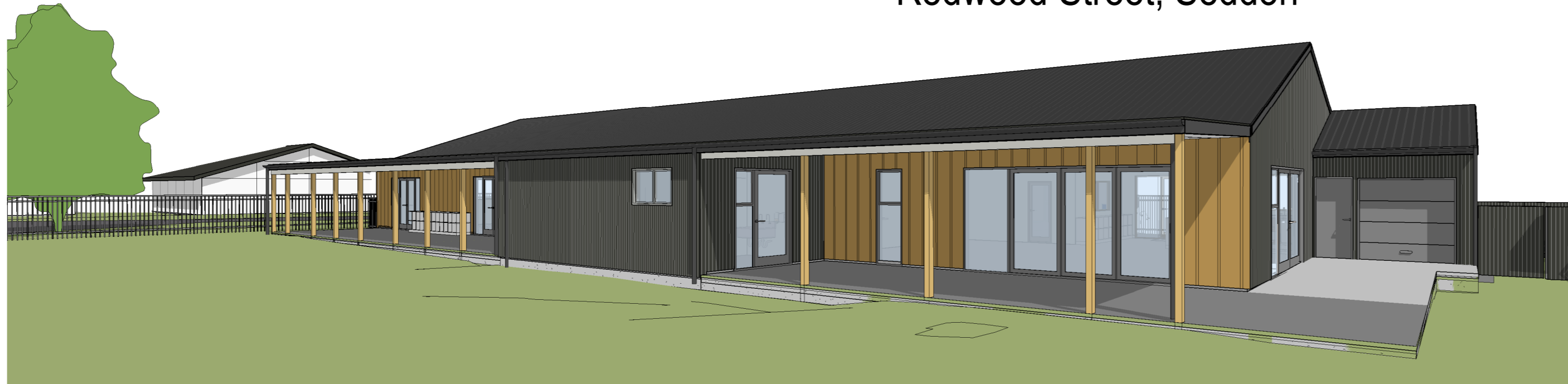
Wind Region : W

Wind Zone : Very high

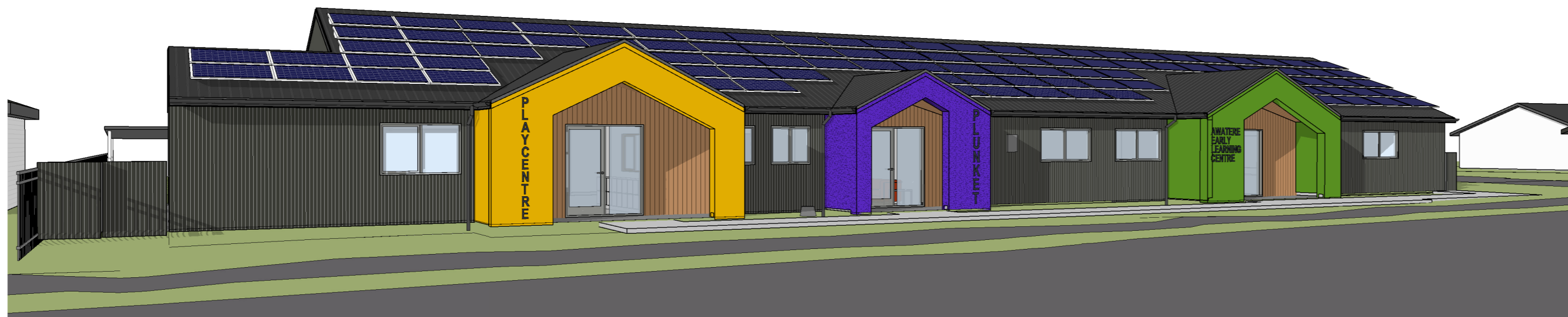
Snow Loading : 1.5

DRAWING REGISTER

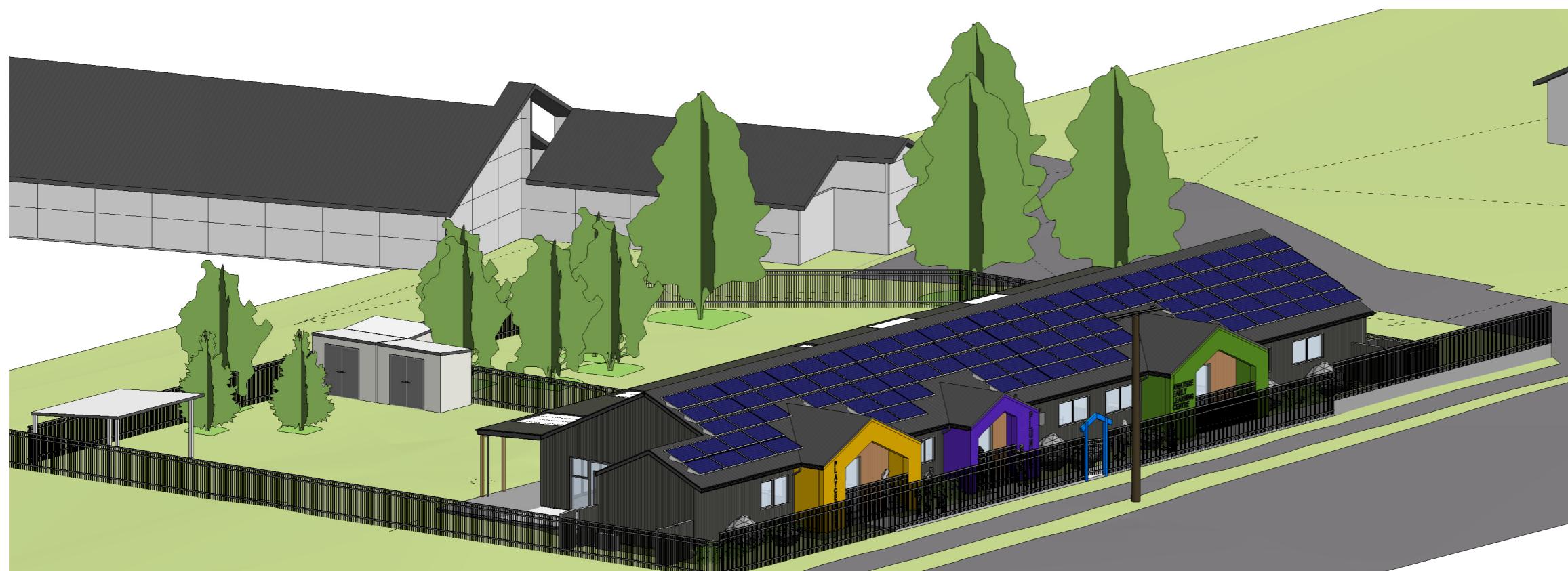
DWG	Sheet Name	Rev	Date	Description
A00	Title Sheet	2	04-03-21	RFI Revision
A01	Site Plan	2	04-03-21	RFI Revision
A02	Floor Plan	1	26-02-21	RFI Revision
A03	Elevations	1	26-02-21	RFI Revision
A04	Sections	1	26-02-21	RFI Revision
A05	Sections	1	26-02-21	RFI Revision
A06	Bracing/Framing plan	1	04-03-21	RFI Revision
A07	Foundation/Drainage plan	1	26-02-21	RFI Revision
A08	Roof plans	1	26-02-21	RFI Revision
A09	Ceiling plan/Gable entry design	1	26-02-21	RFI Revision
A10	Openings plan/Internal openings	1	26-02-21	RFI Revision
A11	External Openings	1	26-02-21	RFI Revision
A12	Board/Batten details	1	26-02-21	RFI Revision
A13	Details - various	1	26-02-21	RFI Revision
A14	Corrugate Details	1	26-02-21	RFI Revision
A15	Plaster & Cedar Details	1	26-02-21	RFI Revision
A16	Accessible Bathroom elevations	1	26-02-21	RFI Revision
A17	Electrical Plan - 1 of 2	0	17-01-21	Building Consent
A18	Electrical Plan - 2 of 2	0	17-01-21	Building Consent
J01	Joinery Design Plan & Elevations	1	26-02-21	RFI Revision
J02	Joinery Design Playcentre kitchen	0	17-01-21	Building Consent
J03	Joinery Design - Playcentre Change/Art	1	26-02-21	RFI Revision
J04	Joinery Design -AELC kitchen & cubbies	1	04-03-21	RFI Revision
S01	Structural General Notes	0	17-01-21	Building Consent
S02	Foundation Plan	0	17-01-21	Building Consent
S03	Foundation Details	1	26-02-21	RFI Revision
S04	SED Lintel & Beam Fixings	0	17-01-21	Building Consent
Z01	Marketing floor plan	0	17-01-21	Building Consent



1 Outdoor area
A00 Scale



2 3D view - fence not shown for clarity
A00 Scale



3 Birds eye view
A00 Scale

MARLBOROUGH DISTRICT COUNCIL
BUILDING CONSENT AUTHORITY
APPROVED DOCUMENTS

Signed: 

Date: 09 Mar 2021

ALL WORK IS TO COMPLY WITH THE CONSENTED DOCUMENTS & THE NZ BUILDING CODE
DO NOT MAKE CHANGES WITHOUT PRIOR APPROVAL

PRODUCER STATEMENTS AND INSPECTION REPORTS ARE REQUIRED FOR THIS PROJECT
These must be provided by people or organisations approved to do so by the Building Consent Authority. These are listed on the inspection sheet attached to the site copy of the documents and are to be received before the code compliance certificate can be issued.

SCALE A2	STATUS BUILDING CONSENT	REVISION DATE 04-03-21	DWG NO. 6433 -A00 -2
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GENERAL NOTES:

- a. The contractor shall verify all field conditions and dimensions prior to commencing construction or fabrication. The architect/engineer shall be notified of any discrepancies between field conditions and contract documents.
- b. All construction to comply with NZS3101, NZS3404, NZS 3604, NZS 4229 and the New Zealand Building Code.
- c. Contractor to confirm all underground and overground services prior to any excavation or modification of existing structure on site. Services to be isolated and protected as required.
- d. Construction Hazards: Contractor shall comply with the Health and Safety in Employment Act in general, Health and Safety at Work (Asbestos) Regulations (if applicable) and NZBC F5/AS1. Contractor shall take precautions to minimize nuisance caused by dust, dirt rubbish and noise. Contractor to erect temporary screens and fencing to protect occupants, personnel and the public from construction hazards.
- e. Contractor to erect temporary screens and fencing to protect personnel, the public and properties below the slope from construction hazards. In particular, contractor to erect barriers as required to prevent debris etc from falling down slopes. Contractor to allow for temporary shoring to contractor design to support excavations close to property boundaries.
- f. Contractor to comply with Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011 with respect to excavation.

SUBSTITUTIONS:

A substitution may be proposed where specified products are not reasonably available. Substitutions may also be proposed by the contractor where the contractor considers a proposed substitution to be an alternative to the specified product. Except where a specified product is not available, the contract administrator is not bound to accept any substitutions. Where branded work sections are included in this specification, substitution of those products or systems will not be allowed. Refer to 1234 DOCUMENTATION section 1.9 onwards in the Specification provided.

SITE NOTES:

Site surveyed by Gilbert, Haymes & Associates Ltd

All heights are in terms of the NZVD2016 Datum

MA is a masonry anchor in the top of the kerb. This can be used as a reference height for the build.

Building Designed to Category 2

FENCE - Contractor to erect a temporary mesh fence 2m high around the construction works, mesh openings to be no larger than 50x50mm. Contractor to regularly check all fences and keep maintained at all times, a meeting with school needed to assure they educate the children on the dangers of the site and safety zones away from construction agreed.

ASBESTOS

The existing building removed from this site may potentially leave remains of contaminants. An asbestos report of the soil will need to be undertaken to ensure ground is cleared sufficiently after removal.

An asbestos clearance certificate is required before the building is demolished or moved and before any construction takes place.

Follow the Specification Demolition clauses in regards to identification and removal of any suspected asbestos materials.

Where demolition work includes contact with or removal of material containing asbestos, comply with Health and Safety at Work (Asbestos) Regulations 2016, Worksafe NZ requirements, NZBC F5/AS1 and NZDAA: New Zealand guidelines for the management and removal of asbestos.

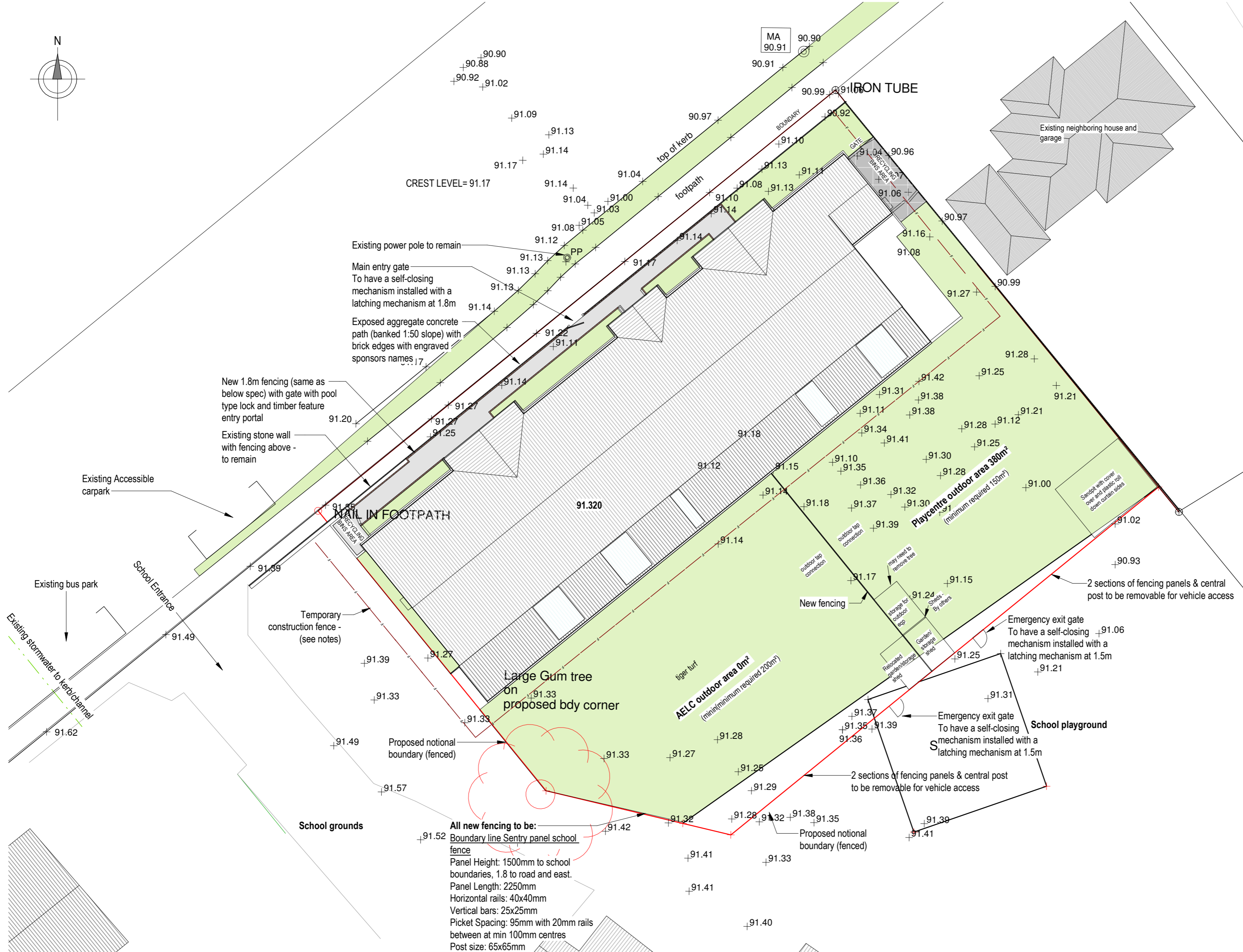
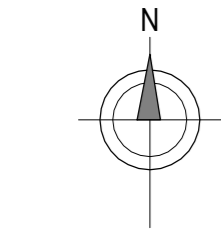
HAIL STATEMENT

See above notes about remaining material. Minimal excavation is to occur and will generally occur under the existing building footprint, however if anything of concern is noted a suitably qualified person should be engaged to assess the hazard if any.

CERTIFICATE OF PUBLIC USE

The contractor is to apply for a Certificate of Public Use prior to the public being granted access to the building

Do not scale from this drawing. Verify all dimensions on site prior to construction.



All new fencing to be:
 Boundary line Sentry panel school fence
 Panel Height: 1500mm to school boundaries, 1.8 to road and east.
 Panel Length: 2250mm
 Horizontal rails: 40x40mm
 Vertical bars: 25x25mm
 Picket Spacing: 95mm with 20mm rails between at min 100mm centres
 Post size: 65x65mm

1 Site Plan
 A01 Scale 1:200

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision
2	04-03-21	RFI Revision

Marlborough District Council
 Date Received: 4/3/2021

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PROJECT
 Awatere ECE Hub
 Redwood Street, Seddon
 CLIENT
 Awatere ECE Hub Community Trust

DRAWING
 Site Plan
 ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 04-03-21
APPROVED DWN	DWG NO. 6433-A01
	REVISION 2

WALL FRAMING KEY

- 90x45 framing walls
- 90x45 framing walls - insulated with R2.8 batts for sound
- 140x45 framing walls
- 140x45 Fierated walls to 120min FRR - 2x19mm Fyreline GIB to inside (GBUW 120)

FLOORING KEY:

- Vinyl planks with acoustic underlay backing
- Vinyl planks - standard
- Homogeneous non-slip vinyl - Tarket Primo Safe.T or similar. R11 slip resistance in shower areas
- Solution dyed Nylon commercial grade Carpet, acoustic underlay backing
- Solution dyed Nylon commercial grade Carpet
- Soft 20mm thick UNREAL artificial grass on 10mm Shockpad (polyethylene based foam) Slip Resistance (BS7976)

NOTE: The minimum critical flux requirement is to be 2.2kW/m² or must be classed as non-combustible flooring.

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GENERAL NOTES:
All work to comply with local authority requirements and relevant sections of the building code and NZS 3604: 2011

Contractor to verify all dimensions on site prior to commencing construction

WALL CLADDING NOTES:

- Vertical Cedar weatherboards (135x18.5 profile) on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
- 12mm H3.1 Plywood sheets with vertical 40x19 battens @ 300crs on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
- Vertical Corrugated colorsteel cladding on CAVIBAT cavity battens on Thermakraft Covertek non self-supporting wall underlay.
- Rockcote Insulated 40mm EPS Panels with Acrylic RMAXX over 20mm cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.

WALL FRAMING NOTES:

All framing to be SG8 H1.2 timber

Loadbearing wall framing:

- Up to 2.4m high max to be 90x45 studs @ 400crs.
- Up to 2.7m high max to be 90x45 studs @ 300crs.
- Up to 4.2m high max to be 140x90 studs @ 400crs.

Dwangs: For vertical cedar & vertical metal cladding put dwangs @ 400crs, for board & batten cladding put dwangs @ 600crs

Interior wall framing (non loadbearing):

- Up to 3m high max to be 90x45 studs @ 600crs.

All dwangs @ 800crs to be fixed to studs with 2-90x3.15 end nails.

All bottom plates:
90x45 or 140x45 on DPC with M12 Trubolt bottom plate fixings @ 900crs & 150mm from each end of plate (refer bracing plan for braced panel hold down requirements).

All top plates:
90x45 + 140x35 SG8 H1.2, fixed to studs with 2-90x3.15 end nails + wire dogs or LUMBERLOK Type B fixing. 90x45 fixed to 140x35 with 3-90x3.15 power driven nails @ 500crs. Top plate to top plate fixing to be TYLOK 6T10.

INTERIOR LINING NOTES:

- Interior wall linings to be 10mm GIB (unless otherwise specified) - Refer Bracing Schedule and plan for locations for bracing elements and associated fixings.
- Bathrooms to be 10mm GIB Aqualine to walls with 13mm GIB ceiling linings, fixed to 70x35 ceiling battens @ 600crs.
- Accessible bathrooms (with showers) to be 4.5mm Seratone with PVC jointers over framing. Ceiling linings to be 13mm GIB Aqualine fixed to 70x35 ceiling battens @ 600crs.
- Raked freespace areas ceilings to have be 12mm ECOPELY Grooved Plywood lining. Painted with DULUX Fireshield TimberClear 1FR (1-S Group No.)
- Flat ceilings to be 13mm GIB Standard. All ceilings to be fixed with 70x35 ceiling battens @ 600crs.
- All GIB to be square stopped.
- 40mm x 10mm Pine Architraves to openings
- 60mm beveled finger jointed pine skirtings
- All paint to adhere to section 5.2 in the Fire report and to be low VOC.
- Autex to walls in both Playcentre and AELC 'freespace' areas

For all joinery items, please refer to the Joinery sheet for more information, sizings etc

VENTILATION, HEATING AND COOLING

- Recommended air change rate figure for ECEs is a minimum of 3 air changes per hour
- Rooms used by children are kept at a comfortable temperature no lower than 16° (at 500mm above the floor) while children are attending
- All heating units to be on wall, out of childrens reach

LIGHTING, ELECTRICAL
DALI = 5 Core Cabling
Sockets and switches to be at 1.2m high - Confirm on site

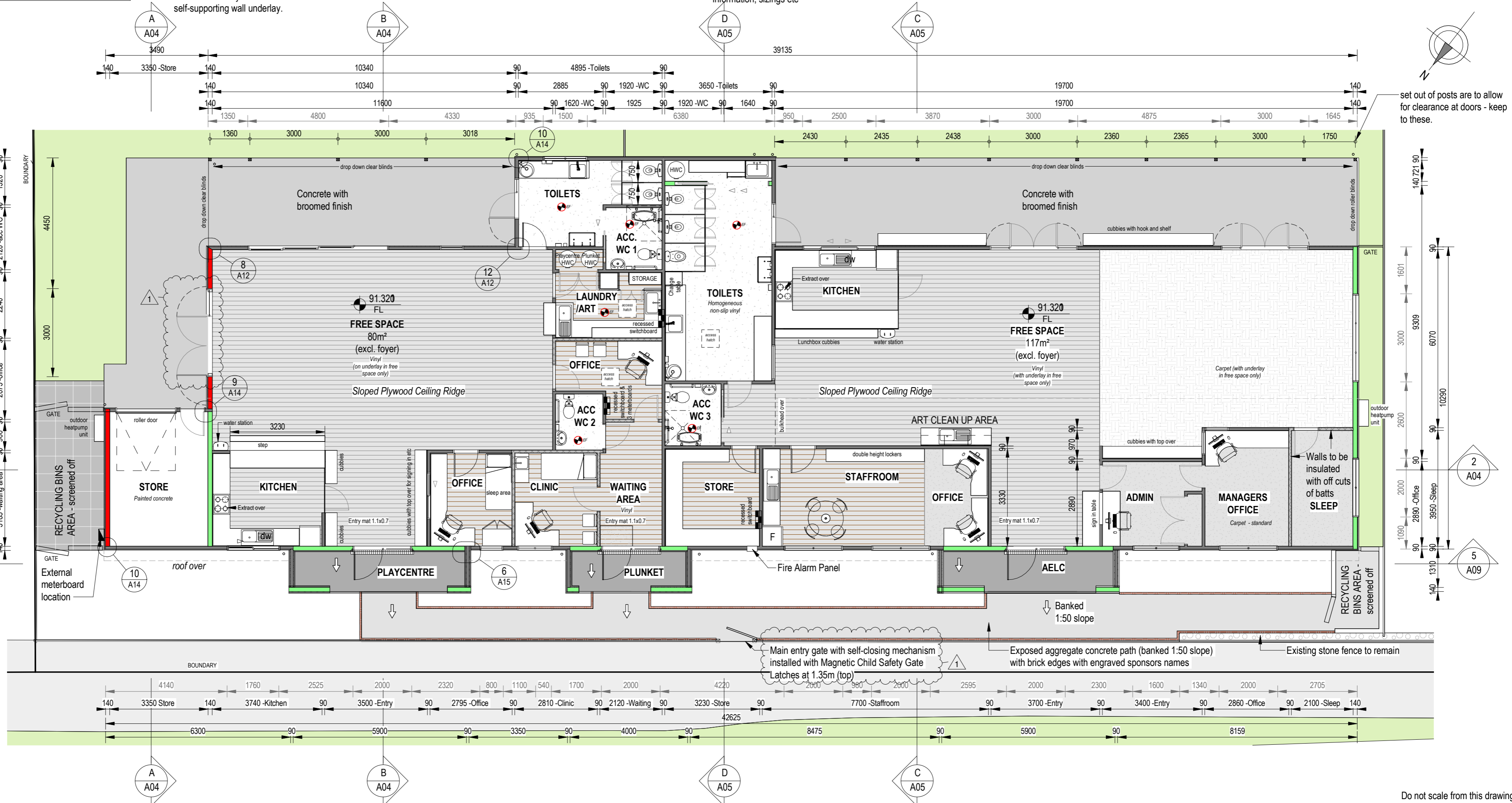
INSULATION NOTES:

- Exterior wall insulation to EARTHWOOL glasswool Wall Acoustic R2.8 wall batts.
- Ceiling insulation to be EARTHWOOL glasswool R5.2 Ceiling batts.
- Wall R2.8 batts to sound sensitive areas. - Wall between AELC and multi use spaces, sleep rooms, 4 walls of clinic at a minimum.

PLAYCENTRE REQUIREMENTS

Licensed for 30 children

- 2.5m² per child for free space
- 5m² per child for outdoor space
- 1 toilet per 15, 1 parent/accessible toilet
- 1 sleeping unit per 5 children



1 Floor Plan
Scale 1 : 100
Floor area: 446m²
(outside framing line)

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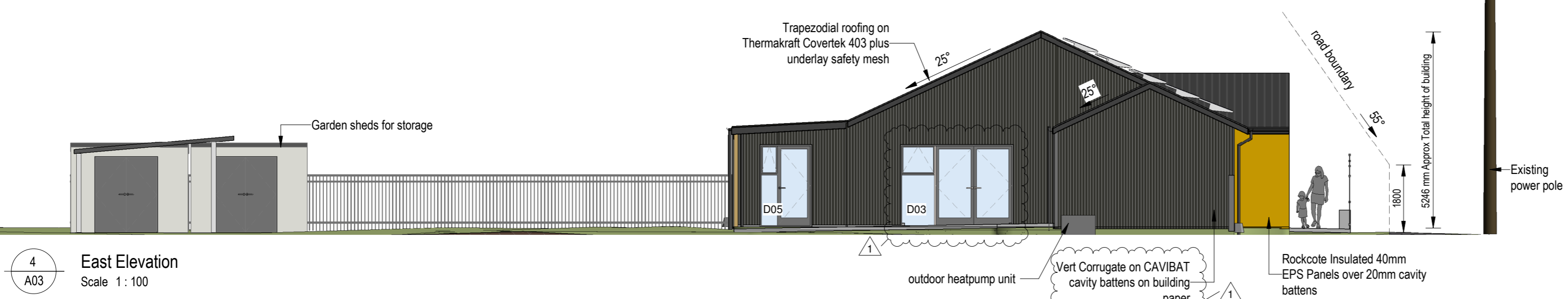
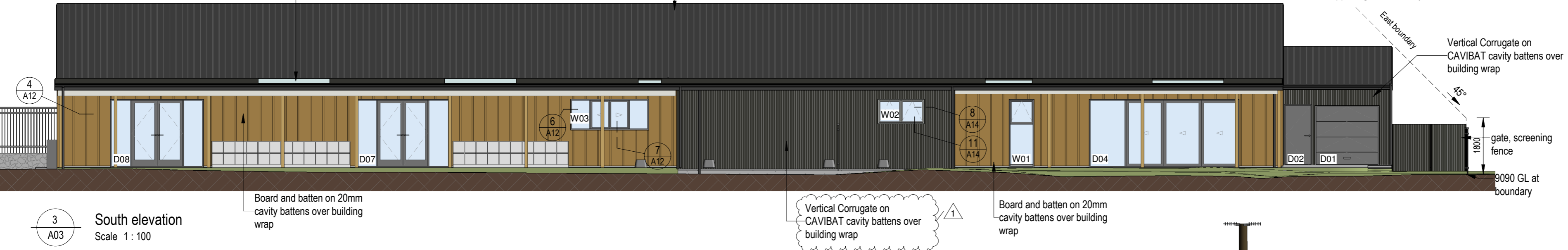
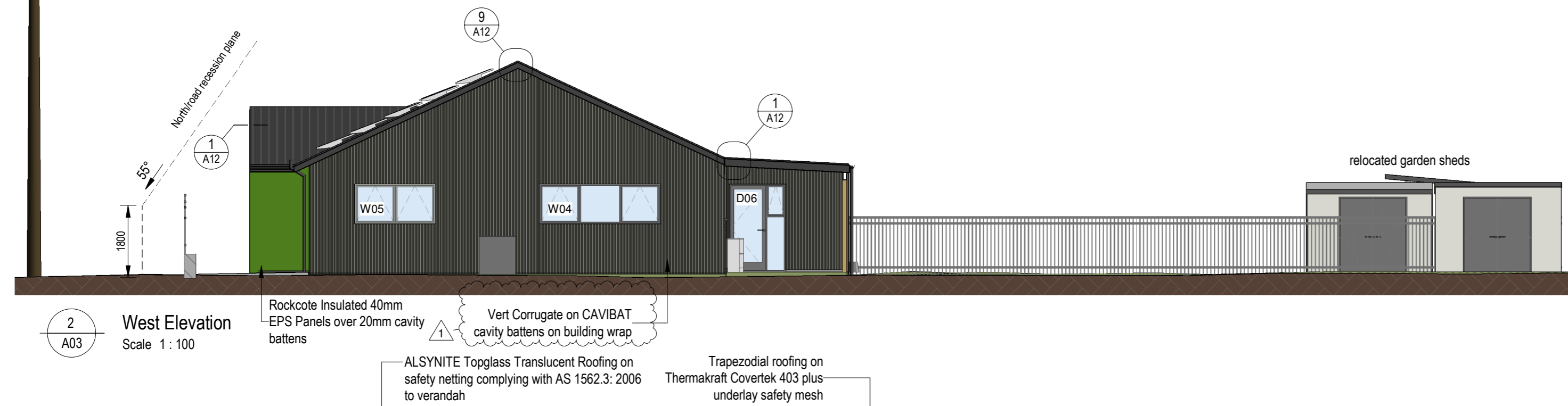
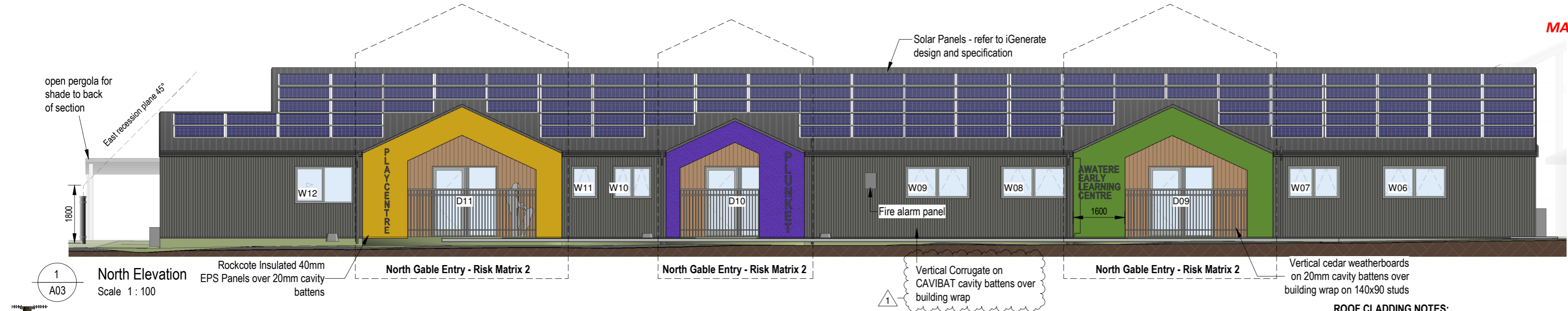
REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

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Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Floor Plan
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A02
	REVISION 1



RISK FACTOR	SCORE
WIND ZONE	2
NUMBER OF STOREYS	0
ROOF/WALL JUNCTIONS	0
EAVES WIDTH	2
ENVELOPE COMPLEXITY	1
DECKS	0
TOTAL	5

RISK MATRIX 2 - North Gable Entries	
RISK FACTOR	SCORE
WIND ZONE	2
NUMBER OF STOREYS	0
ROOF/WALL JUNCTIONS	1
EAVES WIDTH	5
ENVELOPE COMPLEXITY	1
DECKS	0
TOTAL	9

RISK MATRIX - West Elevation	
RISK FACTOR	SCORE
WIND ZONE	2
NUMBER OF STOREYS	0
ROOF/WALL JUNCTIONS	1
EAVES WIDTH	5
ENVELOPE COMPLEXITY	1
DECKS	0
TOTAL	9

RISK MATRIX - Elevation South	
RISK FACTOR	SCORE
WIND ZONE	2
NUMBER OF STOREYS	0
ROOF/WALL JUNCTIONS	1
EAVES WIDTH	5
ENVELOPE COMPLEXITY	1
DECKS	0
TOTAL	9

RISK MATRIX - Elevation East	
RISK FACTOR	SCORE
WIND ZONE	2
NUMBER OF STOREYS	0
ROOF/WALL JUNCTIONS	1
EAVES WIDTH	5
ENVELOPE COMPLEXITY	1
DECKS	0
TOTAL	9

- ROOF CLADDING NOTES:**
- 0.55g Colorsteel Endura Trapezoidal roofing on Thermakraft Covertek 403 Plus non self-supporting roof on safety netting over 90x45 H1.2 purlins on framing.
 - Trapezoidal ALSYNITE Topglass UV-Stabilised Commercial Grade Reinforced Translucent Roofing on safety netting complying with AS 1562.3: 2006 on 90x45 H1.2 purlins on framing
 - 7.5mm Hardigroove soffit lining with butt jointed to verandah and entrance gables.
 - 4.5mm HardieSoffit lining with UPVC jointers to north/east soffits
 - Colorsteel Fascia, Quarter round gutters, & DP's
- ➔ Gutter fall direction

- WALL CLADDING NOTES:**
- Vertical Cedar weatherboards (135x18.5 profile) on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
 - 12mm H3.1 Plywood sheets with vertical 40x19 battens @ 300crs on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
 - Vertical Corrugated colorsteel cladding on CAVIBAT cavity battens on Thermakraft Covertek non self-supporting wall underlay.
 - Rockcote Insulated 40mm EPS Panels with Acrylic RMAXX over 20mm cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.

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0	17-01-21	Building Consent
1	26-02-21	RFI Revision

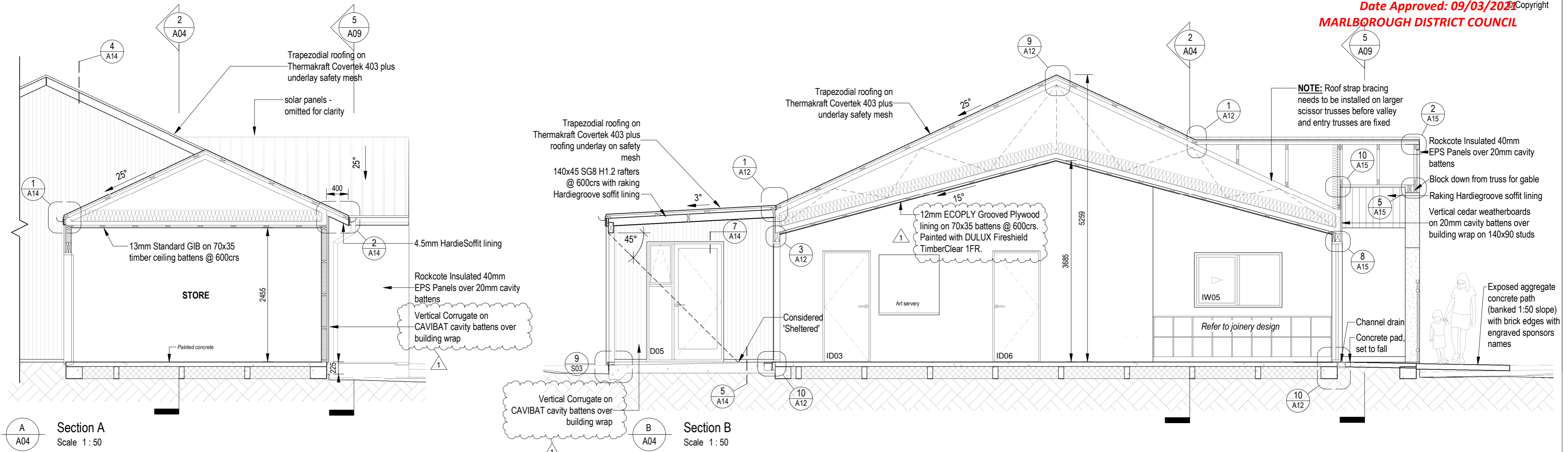
Marlborough District Council
Date Received: 26/2/2021

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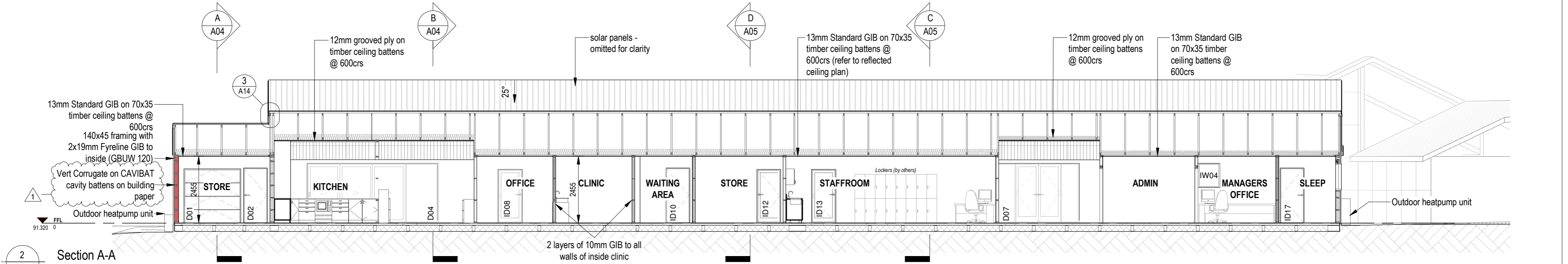
DRAWING
Elevations
ORIGIN DATE

STATUS BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A03
	REVISION 1



Section A
Scale 1:50

Section B
Scale 1:50



Section A-A
Scale 1:100

ROOF CLADDING NOTES:

- 0.55g Colorsteel Endura Trapezoidal roofing on Thermakraft Covertek 403 Plus non self-supporting roof on safety netting over 90x45 H1.2 purlins on framing.
 - Trapezoidal ALSYNITE Topglass UV-Stabilised Commercial Grade Reinforced Translucent Roofing on safety netting complying with AS 1562.3: 2006 on 90x45 H1.2 purlins on framing
 - 7.5mm Hardigroove soffit lining with butt jointed to verandah and entrance gables.
 - 4.5mm HardieSoffit lining with UPVC jointers to north/east soffits
 - Colorsteel Fascia, Quarter round gutters, & DP's
- ➔ Gutter fall direction

ROOF FRAMING NOTES:

- All roof framing to be H1.2 unless noted otherwise.
- Rafter to top plate fixings to be 2/90 x 3.15 skew nails + 2 wire dogs or alternative 4.7kN fixing.
- Truss to top plate fixings to be as specified by truss manufacturer.
- Purlins to be 90x45 H1.2 SG8 @ 750crs fixed with 1/14g self drilling type 17 screw 100mm long or alternative 5.5kN fixing.

WALL CLADDING NOTES:

- Vertical Cedar weatherboards (135x18.5 profile) on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
- 12mm H3.1 Plywood sheets with vertical 40x19 battens @ 300crs on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
- Vertical Corrugated colorsteel cladding on CAVIBAT cavity battens on Thermakraft Covertek non self-supporting wall underlay.
- Rockcote Insulated 40mm EPS Panels with Acrylic RMAXX over 20mm cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.

INSULATION NOTES:

- Exterior wall insulation to EARTHWOOL glasswool Wall Acoustic R2.8 wall batts.
- Ceiling insulation to be EARTHWOOL glasswool R5.2 Ceiling batts.
- Wall R2.8 batts to sound sensitive areas. - Wall between AELC and multi use spaces, sleep rooms, 4 walls of clinic at a minimum.

WALL FRAMING NOTES:

- All framing to be SG8 H1.2 timber
- Loadbearing wall framing:**
- Up to 2.4m high max to be 90x45 studs @ 400crs.
 - Up to 2.7m high max to be 90x45 studs @ 300crs.
 - Up to 4.2m high max to be 140x90 studs @ 400crs.
- Dwangs:** For vertical cedar & vertical metal cladding put dwangs @ 400crs, for board & batten cladding put dwangs @ 600crs
Fix to studs with 2-90x3.15 end nails.
- Interior wall framing (non loadbearing):**
- Up to 3m high max to be 90x45 studs @ 600crs.
- All dwangs @ 800crs to be fixed to studs with 2-90x3.15 end nails.
- All bottom plates:**
90x45 or 140x45 on DPC with M12 Trubolt bottom plate fixings @ 900crs & 150mm from each end of plate (refer bracing plan for braced panel hold down requirements).
- All top plates:**
90x45 + 140x35 SG8 H1.2, fixed to studs with 2-90x3.15 end nails + wire dogs or LUMBERLOK Type B fixing. 90x45 fixed to 140x35 with 3-90x3.15 power driven nails @ 500crs. Top plate to top plate fixing to be TYLOK 6T10.

INTERIOR LINING NOTES:

- Interior wall linings to be 10mm GIB (unless otherwise specified) - Refer Bracing Schedule and plan for locations for bracing elements and associated fixings.
- Bathrooms to be 10mm GIB Aqualine to walls with 13mm GIB ceiling linings, fixed to 70x35 ceiling battens @ 600crs.
- Accessible bathrooms (with showers) to be 4.5mm Seratone with PVC jointers over framing. Ceiling linings to be 13mm GIB Aqualine fixed to 70x35 ceiling battens @ 600crs.
- Raked freespace areas ceilings to have be 12mm ECOPLY Grooved Plywood lining. Painted with DULUX Fireshield TimberClear 1FR (1-S Group No).
- Flat ceilings to be 13mm GIB Standard. All ceilings to be fixed with 70x35 ceiling battens @ 600crs.
- All GIB to be square stopped.
- 40mm x 10mm Pine Architraves to openings
- 60mm beveled finger jointed pine skirtings.
- All paint to adhere to section 5.2 in the Fire report and to be low VOC.
- Autex to walls in both Playcentre and AELC 'freespace' areas

FOUNDATION NOTES:

- 305mm deep overall waffle slab with 1100x1100x200mm polystyrene pods.
- Mesh laps may not be within 400mm of saw cuts.
- Refer architectural drawings for slab level and existing ground levels.
- Rebates shown indicatively - refer architectural drawings for layout and details.
- Door sill slab rebate sizes to be confirmed by window manufacturer.
- All slab falls to be 1:100

- Concrete nib
- SC Saw cut
- FJ Free joint

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Marlborough District Council
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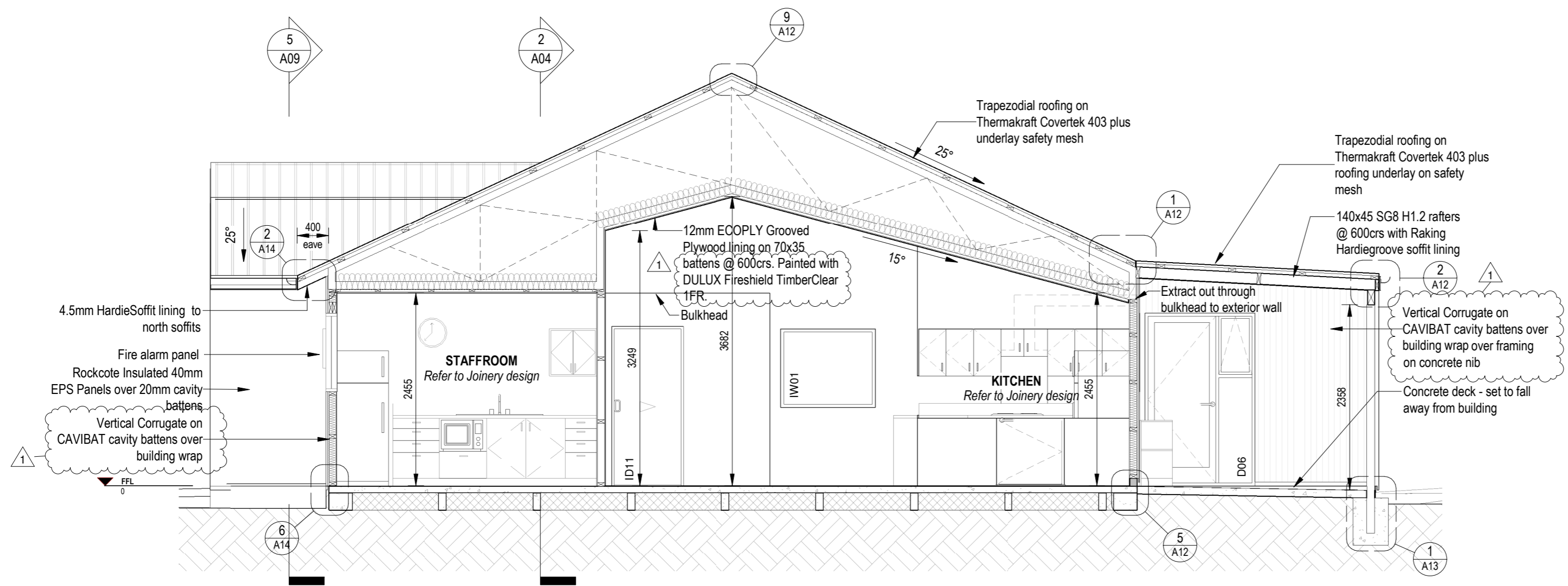
PROJECT
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Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Sections
ORIGIN DATE

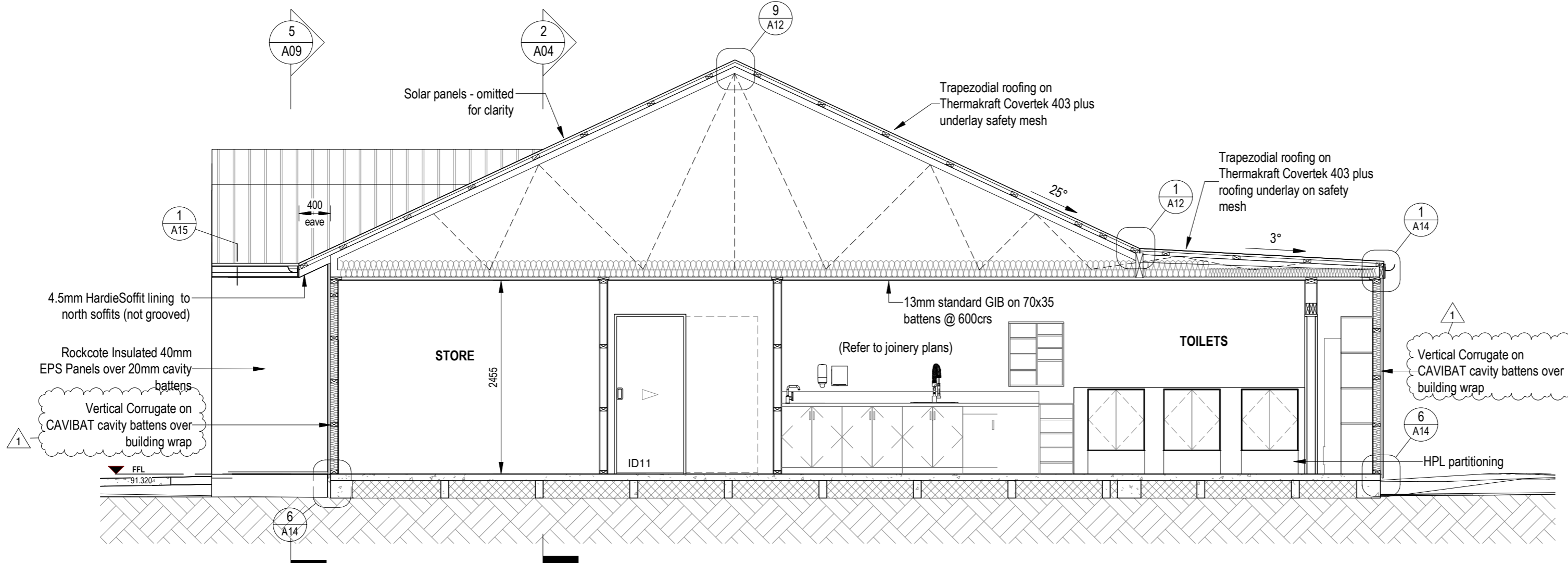
STATUS BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A04
	REVISION 1

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

Notes Approved: 09/03/2021
 Approved on behalf of the Council



C Section C
 Scale 1: 50



D Section D
 Scale 1: 50

- ROOF CLADDING NOTES:**
- 0.55% slope
 - Covertek 403 Plus non self-supporting roof on safety netting over 90x45 H1.2 purlins on framing.
 - Trapezoidal ALSYNITE Topglass UV-Stabilised Commercial Grade Reinforced Translucent Roofing on safety netting complying with AS 1562.3: 2006 on 90x45 H1.2 purlins on framing
 - 7.5mm Hardiegroove soffit lining with butt jointed to verandah and entrance gables.
 - 4.5mm HardieSoffit Lining with UPVC jointers to north/east soffits
 - Colorsteel Fascia, Quarter round gutters, & DP's
- Gutter fall direction

- ROOF FRAMING NOTES:**
- All roof framing to be H1.2 unless noted otherwise.
 - Rafter to top plate fixings to be 2/90 x 3.15 skew nails + 2 wire dogs or alternative 4.7kN fixing.
 - Truss to top plate fixings to be as specified by truss manufacturer.
 - Purlins to be 90x45 H1.2 SG8 @ 750crs fixed with 1/14g self drilling type 17 screw 100mm long or alternative 5.5kN fixing.

- INSULATION NOTES:**
- Exterior wall insulation to EARTHWOOL glasswool Wall Acoustic R2.8 wall batts.
 - Ceiling insulation to be EARTHWOOL glasswool R5.2 Ceiling batts.
 - Wall R2.8 batts to sound sensitive areas. - Wall between AELC and multi use spaces, sleep rooms, 4 walls of clinic at a minimum.

- WALL CLADDING NOTES:**
- Vertical Cedar weatherboards (135x18.5 profile) on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
 - 12mm H3.1 Plywood sheets with vertical 40x19 battens @ 300crs on 20mm H3.1 cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.
 - Vertical Corrugated colorsteel cladding on CAVIBAT cavity battens on Thermakraft Covertek non self-supporting wall underlay.
 - Rockcote Insulated 40mm EPS Panels with Acrylic RMAXX over 20mm cavity battens on Thermakraft Covertek 403 non self-supporting wall underlay.

- WALL FRAMING NOTES:**
- All framing to be SG8 H1.2 timber
- Loadbearing wall framing:**
- Up to 2.4m high max to be 90x45 studs @ 400crs.
 - Up to 2.7m high max to be 90x45 studs @ 300crs.
 - Up to 4.2m high max to be 140x90 studs @ 400crs.
- Dwangs:** For vertical cedar & vertical metal cladding put dwangs @ 400crs, for board & batten cladding put dwangs @ 600crs
 Fix to studs with 2-90x3.15 end nails.
- Interior wall framing (non loadbearing):**
- Up to 3m high max to be 90x45 studs @ 600crs.
- All dwangs @ 800crs to be fixed to studs with 2-90x3.15 end nails.
- All bottom plates:**
 90x45 or 140x45 on DPC with M12 Trubolt bottom plate fixings @ 900crs & 150mm from each end of plate (refer bracing plan for braced panel hold down requirements).
- All top plates:**
 90x45 + 140x35 SG8 H1.2, fixed to studs with 2-90x3.15 end nails + wire dogs or LUMBERLOK Type B fixing. 90x45 fixed to 140x35 with 3-90x3.15 power driven nails @ 500crs. Top plate to top plate fixing to be TYLOK 6T10.

- FOUNDATION NOTES:**
- 305mm deep overall waffle slab with 1100x1100x200mm polystyrene pods.
 - Mesh laps may not be within 400mm of saw cuts.
 - Refer architectural drawings for slab level and existing ground levels.
 - Rebates shown indicatively - refer architectural drawings for layout and details.
 - Door sill slab rebate sizes to be confirmed by window manufacturer.
 - All slab falls to be 1:100

- Concrete nib
- SC Saw cut
- FJ Free joint

Do not scale from this drawing.
 Verify all dimensions on site prior to construction.

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

Marlborough District Council
 Date Received: 26/2/2021

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PROJECT
 Awatere ECE Hub
 Redwood Street, Seddon
 CLIENT
 Awatere ECE Hub Community Trust

DRAWING
 Sections
 ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A05
	REVISION 1

WALL FRAMING NOTES:

All framing to be SG8 H1.2 timber

Loadbearing wall framing:

- Up to 2.4m high max to be 90x45 studs @ 400crs.
- Up to 2.7m high max to be 90x45 studs @ 300crs.
- Up to 4.2m high max to be 140x90 studs @ 400crs.

Dwangs: For vertical cedar & vertical metal cladding put dwangs @ 400crs, for board & batten cladding put dwangs @ 600crs
Fix to studs with 2-90x3.15 end nails.

Interior wall framing (non loadbearing):

- Up to 3m high max to be 90x45 studs @ 600crs.
- All dwangs @ 800crs to be fixed to studs with 2-90x3.15 end nails.

All bottom plates:

90x45 or 140x45 on DPC with M12 Trubolt bottom plate fixings @ 900crs & 150mm from each end of plate (refer bracing plan for braced panel hold down requirements).

All top plates:

90x45 + 140x35 SG8 H1.2, fixed to studs with 2-90x3.15 end nails + wire dogs or LUMBERLOK Type B fixing. 90x45 fixed to 140x35 with 3-90x3.15 power driven nails @ 500crs. Top plate to top plate fixing to be TYLOK 6T10.

BRACING NOTES:

- All bracing to be in accordance with GIB EzyBrace Systems 2016
- GS1** - Any 10 or 13mm GIB Standard Plasterboard fixed to one side of the wall. No hold down fixing.
- GS2** - Any 10 or 13mm GIB Standard Plasterboard fixed to both sides of the wall. No hold down fixing.
- BL1** - Any 10 or 13mm GIB Braceline Plasterboard fixed to each side of the wall. Hold down fixings reqd
- BLG** - Any 10 or 13mm GIB Braceline Plasterboard fixed to each side of the wall with other side standard GIB. Hold down fixings reqd
- BLP** - Any 10 or 13mm GIB Braceline Plasterboard fixed to one side of the wall with other side plywood lining. Hold down fixings reqd

==== Top plate connection directly via 140x35 SG8 H1.2 ceiling tie

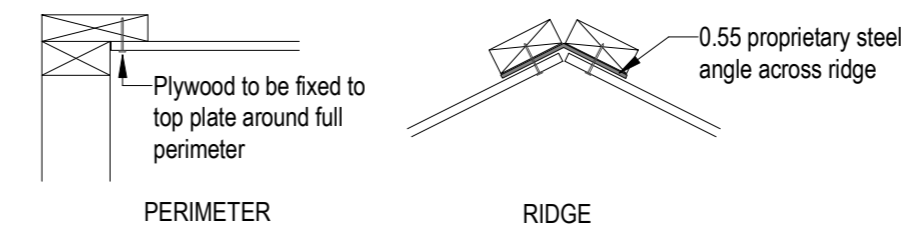
◆ 6kN top plate fixing - TYLOK 6T10 or 2 x Strap Nails or 2 Sheet Brace Straps

● 12kN top plate fixing - 2 x 300mm LUMBERLOK Sheet brace straps fixed with 6 x LUMBERLOK product nails, 30mm x 3.15 dia. per end per strap (24 nails total)

BRACING NOTES CONT:

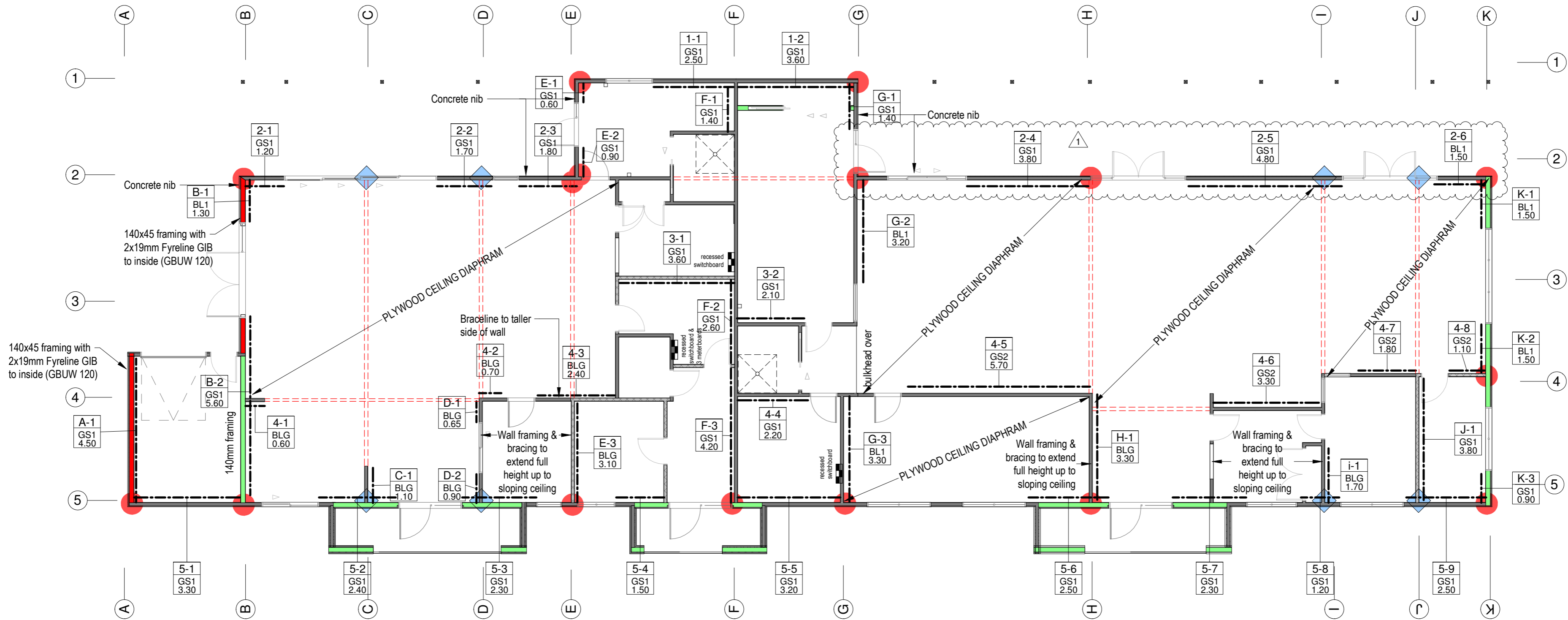
Plywood ceiling diaphragm:

- All plywood to be CARTER HOLT HARVEY ECOPLY 12mm Grooved Lining. Plywood to be installed strictly in accordance with the manufacturer's instructions.
- Plywood to be placed on staggered pattern and orientated with the face grain parallel to the plywood span between battens and be continuous over at least two spans. Provide blocking at all plywood joints.
- Plywood to be fixed with 40x8gmm screws at 150mm centres to sheet perimeter and 300mm centres internal to sheet. Block all edges. Screws to be minimum 7mm from edges of sheet and 14mm from timber edge, unless noted otherwise.
- Perimeter ceiling framing to be connected to wall framing and ridge framing to be connected across ridge with 0.55mm proprietary steel angle.



2 Plywood Ceiling Diaphragm
Scale 1 : 10

WALL FRAMING KEY	
	90x45 framing walls
	90x45 framing walls - insulated with R2.8 batts for sound
	140x45 framing walls
	140x45 Fiererated walls to 120min FRR - 2x19mm Fyreline GIB to inside (GBUW 120)



1 Bracing/framing plan
A06 Scale 1 : 100

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	04-03-21	RFI Revision

Marlborough District Council
Date Received: 4/3/2021

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Bracing/Framing plan
ORIGIN DATE

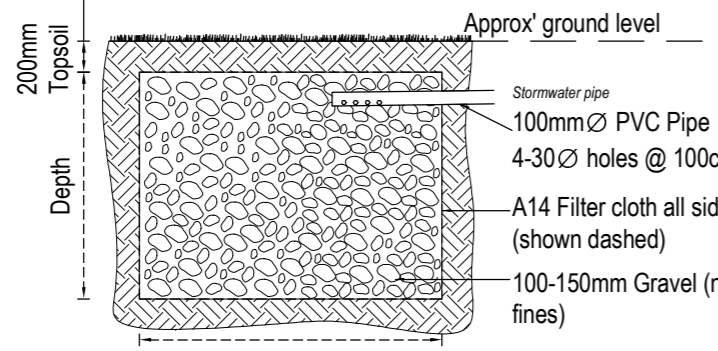
STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 04-03-21
APPROVED DWN	DWG NO. 6433-A06
	REVISION 1

NOTE:

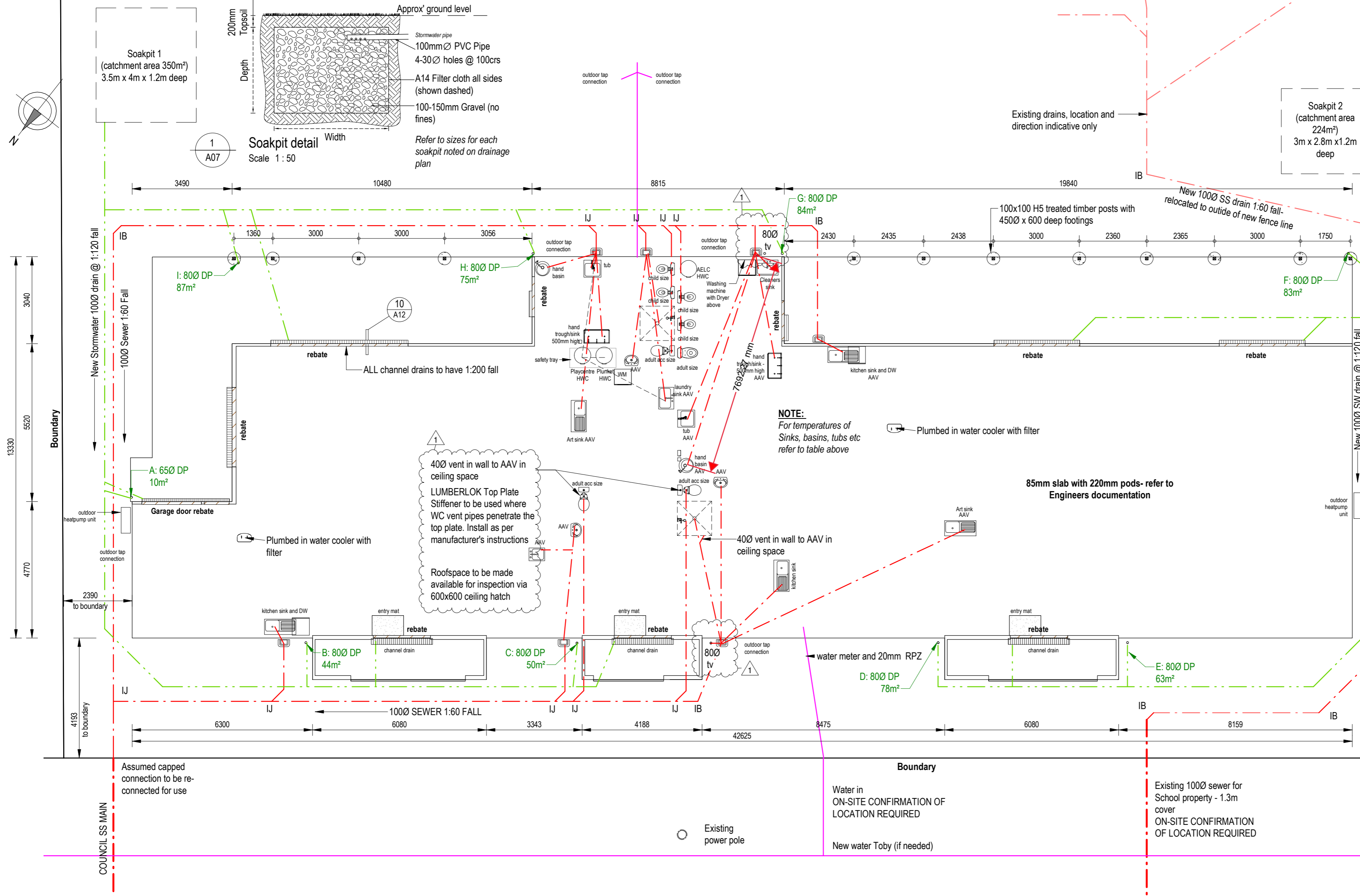
Contractor to confirm all on site existing services before construction. If at time of construction water supply cannot be located Drain layer to apply to Marlborough District Council for new connection on Redwood Street and install new main supply, new toby and water meter, along with 20mm RPZ at boundary

WASTE PIPE SIZES, FALLS & UNVENTED LENGTH & TEMPERATURES REQD.

Fixture	Min Ø	Min Fall	Max Length	Temp
Hand wash basin	40mmØ	1:40	3.5m	40°
Art sink	50mmØ	1:40	3.5m	40°
Kitchen Sink	50mmØ	1:40	3.5m	55°
Laundry Tub	50mmØ	1:40	3.5m	55°
Cleaners sink	50mmØ	1:40	3.5m	55°
Shub	40mmØ	1:40	3.5m	40°
Shower	40mmØ	1:40	3.5m	40°
Dishwasher	40mmØ	1:40	3.5m	55°
Washing Machine	50mmØ	1:40	3.5m	60°
WC	100mmØ	1:60	6.0m	
HWC to GT	200			
AAV	Air Admittance valve			
TV	800 Terminal Vent			
DP	DownPipe			
IP	Inspection Point			
IB	Inspection Bend			
IJ	Inspection Junction			
Stormwater				
Sewer				
Water				



Soakpit detail
Scale 1:50



NOTE:
For temperatures of Sinks, basins, tubs etc refer to table above

400 vent in wall to AAV in ceiling space
LUMBERLOK Top Plate Stiffener to be used where WC vent pipes penetrate the top plate. Install as per manufacturer's instructions
Roofspace to be made available for inspection via 600x600 ceiling hatch

85mm slab with 220mm pods- refer to Engineers documentation

2
A07
Foundation/Services plan
Scale 1:100
235m² roof area

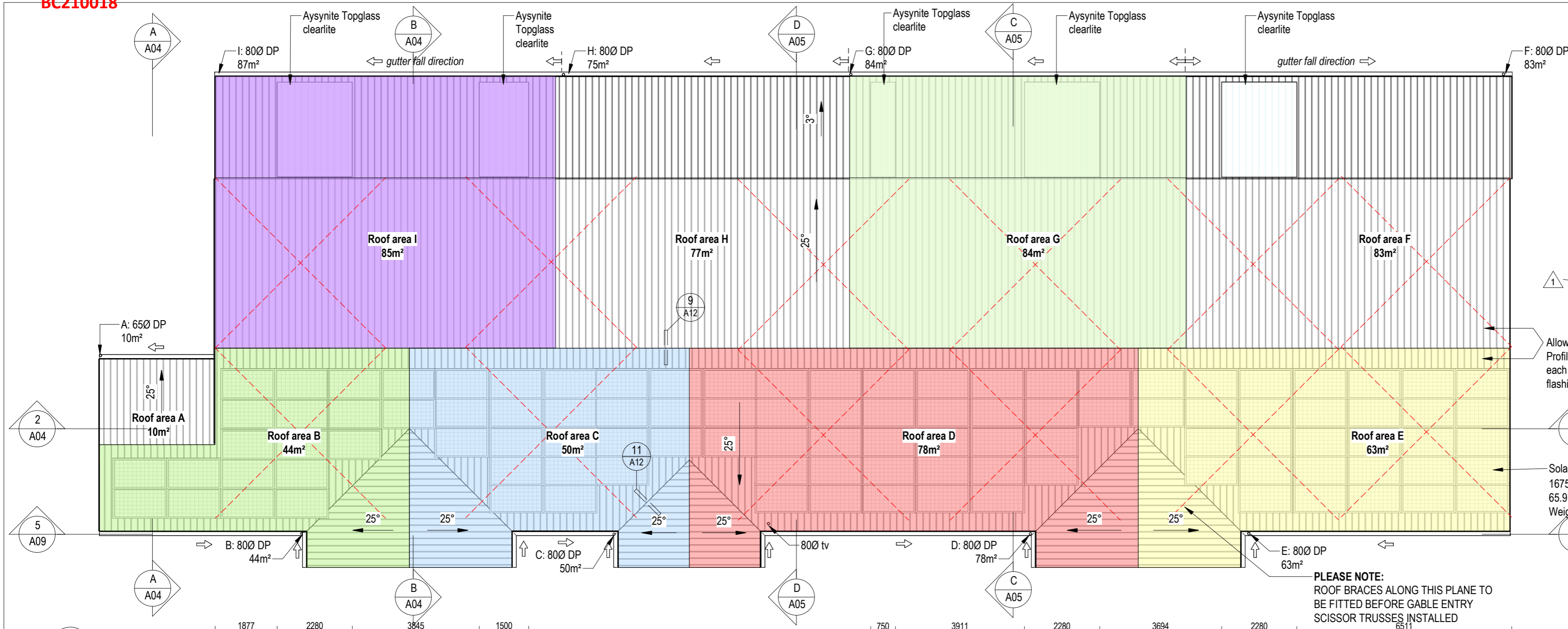
REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Foundation/Drainage plan
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A07
	REVISION 1



ROOF CLADDING NOTES:

- 0.55g Colorsteel Endura Trapezoidal roofing on Thermakraft Covertek 403 Plus non self-supporting roof on safety netting over 90x45 H1.2 purlins on framing.
- Trapezoidal ALSYNITE Topglass UV-Stabilised Commercial Grade Reinforced Translucent Roofing on safety netting complying with AS 1562.3: 2006 on 90x45 H1.2 purlins on framing
- 7.5mm Hardigroove soffit lining with butt jointed to verandah and entrance gables.
- 4.5mm HardieSoffit lining with UPVC jointers to north/east soffits
- Colorsteel Fascia, Quarter round gutters, & DP's

⇒ Gutter fall direction

ADDITIONAL ROOF CLADDING NOTES:
 Fixings required for a 0.55mm roofing to be 75mm steeltites 12g x 55mm fixings at 1100mm crs for end span fixings and 1800mm crs for intermediate span.

Allow for SAFETOR S/E 015HP - High Profile Roof Anchor roof fixings - 4 fixings to each side near the ridge to have Deklite flashing to each refer to detail 4/A13

Solar panels - Dimensions
 1675 x 992 x 40 mm
 65.9 x 39.1 x 1.57 in
 Weight 18.5 kg (40.8 lbs)

PLEASE NOTE:
 ROOF BRACES ALONG THIS PLANE TO BE FITTED BEFORE GABLE ENTRY SCISSOR TRUSSES INSTALLED

NOTE:
 All rafters to underside of clearlite to be painted to match soffit colour

ROOF FRAMING NOTES:

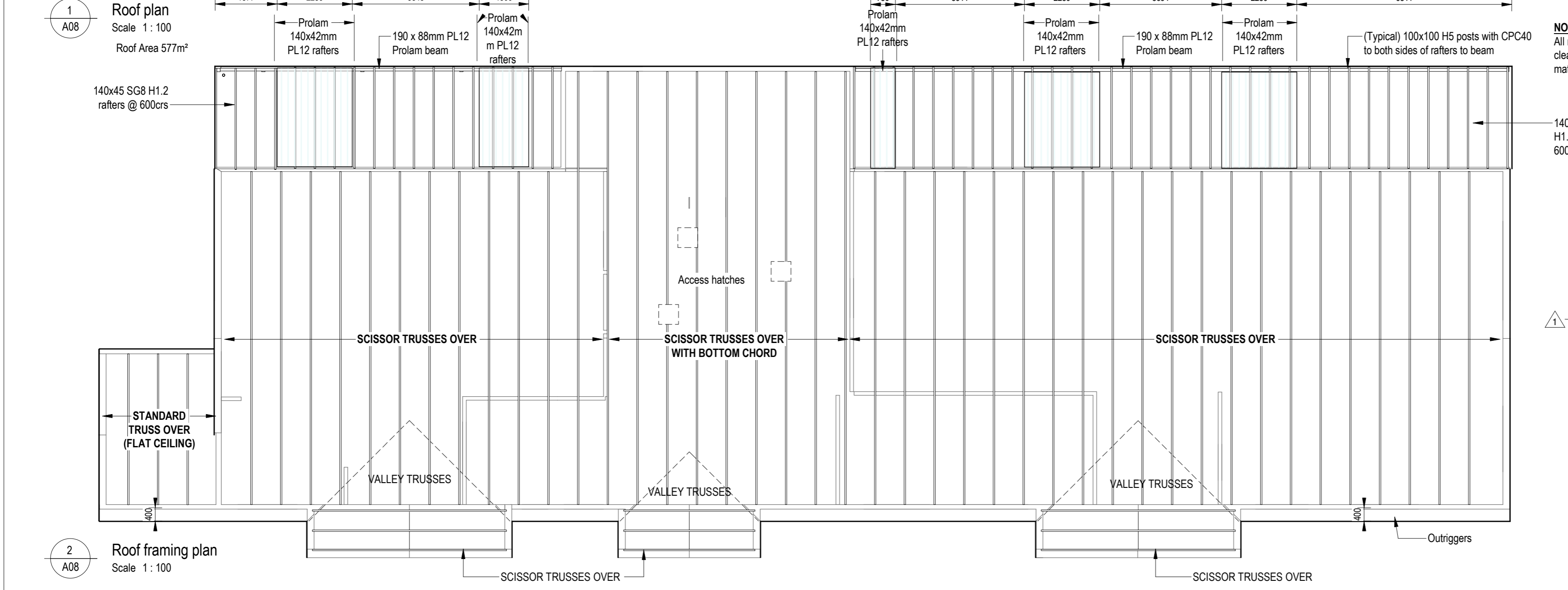
- All roof framing to be H1.2 unless noted otherwise.
- Rafter to top plate fixings to be 2/90 x 3.15 skew nails + 2 wire dogs or alternative 4.7kN fixing.
- Truss to top plate fixings to be as specified by truss manufacturer.
- Purlins to be 90x45 H1.2 SG8 @ 750crs fixed with 1/14g self drilling type 17 screw 100mm long or alternative 5.5kN fixing.

DOWNPIPE CALCULATIONS
 Roof plan areas to comply with NZBC E1/AS1 table 5 for min. downpipe sizes. 80Ø = 85m² for roof pitches of 0-25°

Roof plan area A = 10m ²	= 1 x 65Ø downpipes
Roof plan area B = 44m ²	= 1 x 80Ø downpipes
Roof plan area C = 50m ²	= 1 x 80Ø downpipes
Roof plan area D = 78m ²	= 1 x 80Ø downpipes
Roof plan area E = 63m ²	= 1 x 80Ø downpipes
Roof plan area F = 83m ²	= 1 x 80Ø downpipes
Roof plan area G = 84m ²	= 1 x 80Ø downpipes
Roof plan area H = 77m ²	= 1 x 80Ø downpipes
Roof plan area I = 85m ²	= 1 x 80Ø downpipes

Box gutter 125mm cross sectional area = 8435mm²
 Ext. gutter with this cross sectional area can serve roof area of 85m² in accordance with NZRM Code of Practice Gutter Capacity Calculations

Do not scale from this drawing.
 Verify all dimensions on site prior to construction.



REV	DATE	DESCRIPTION
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1	26-02-21	RFI Revision

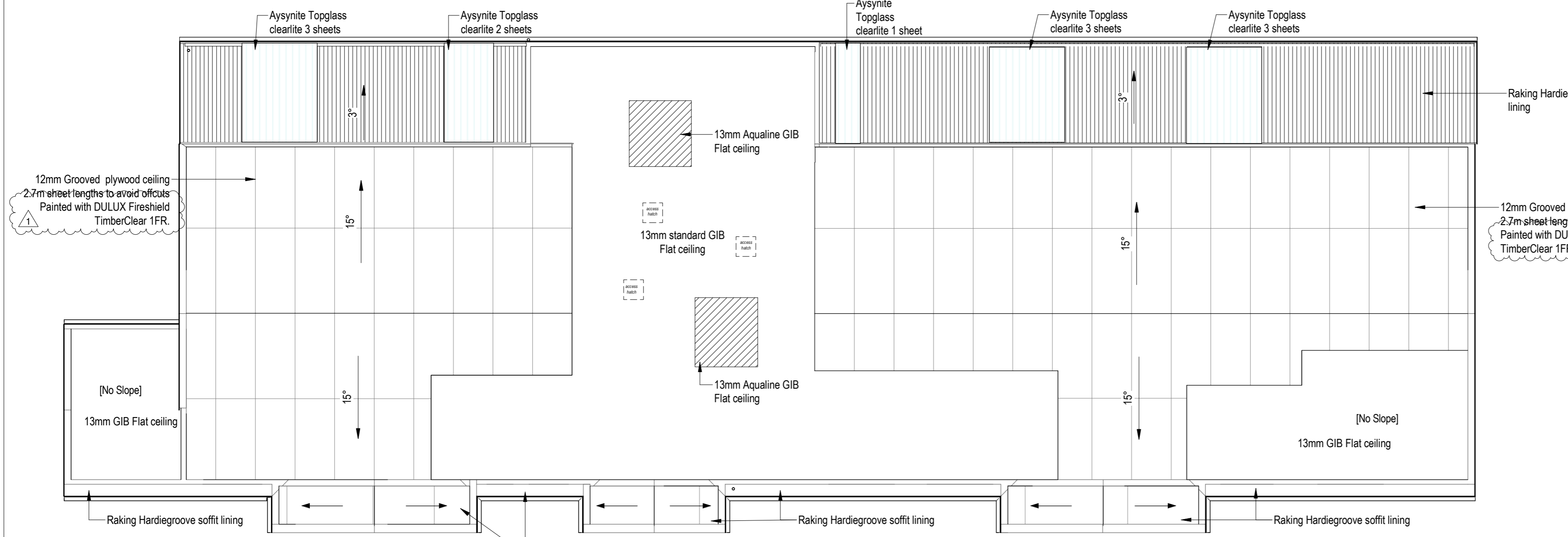
Marlborough District Council
 Date Received: 26/2/2021

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PROJECT
 Awatere ECE Hub
 Redwood Street, Seddon
 CLIENT
 Awatere ECE Hub Community Trust

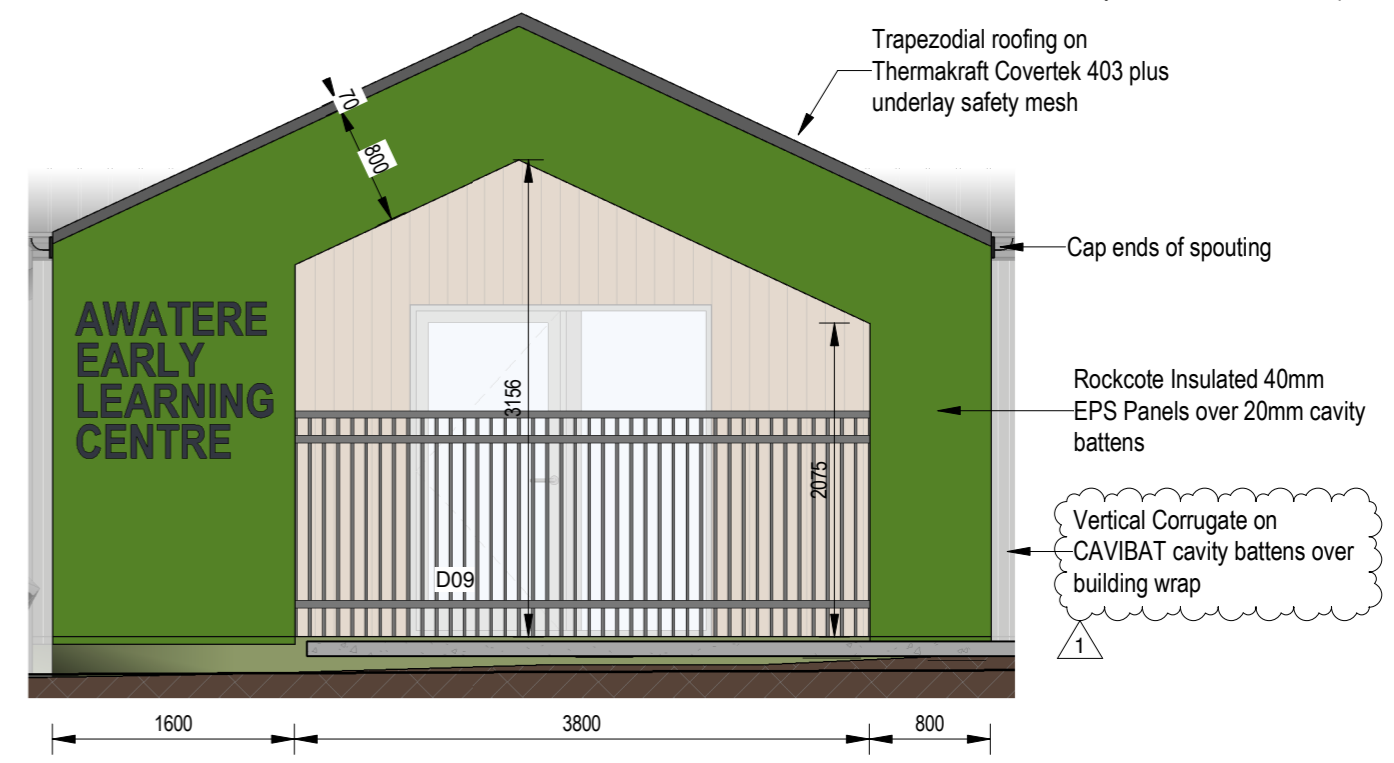
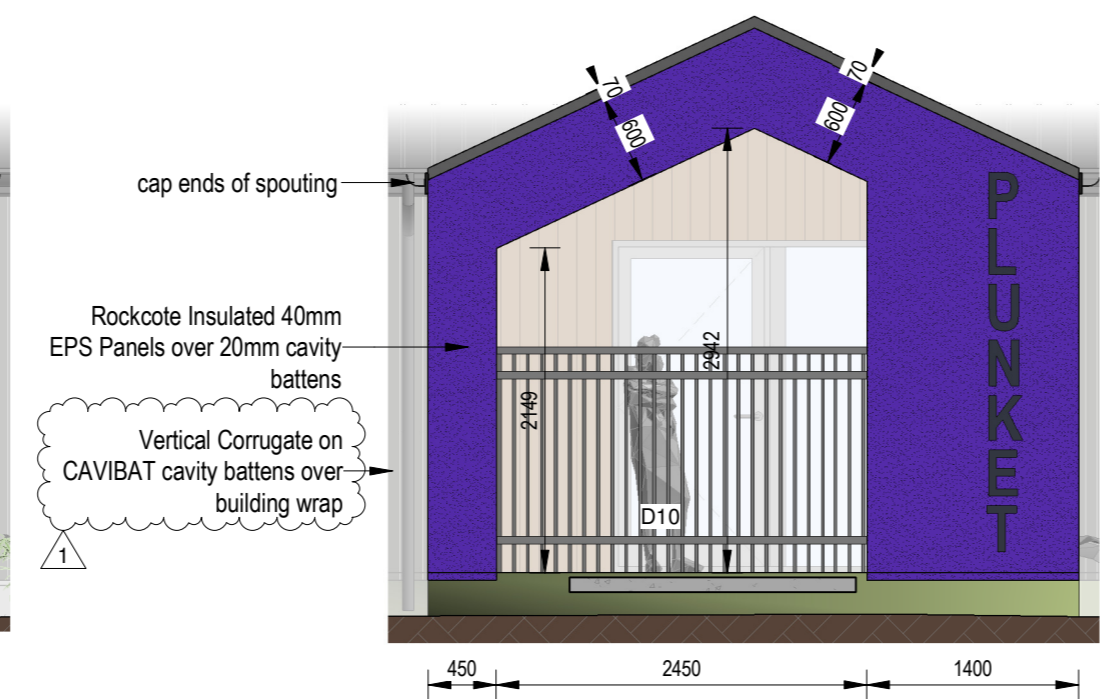
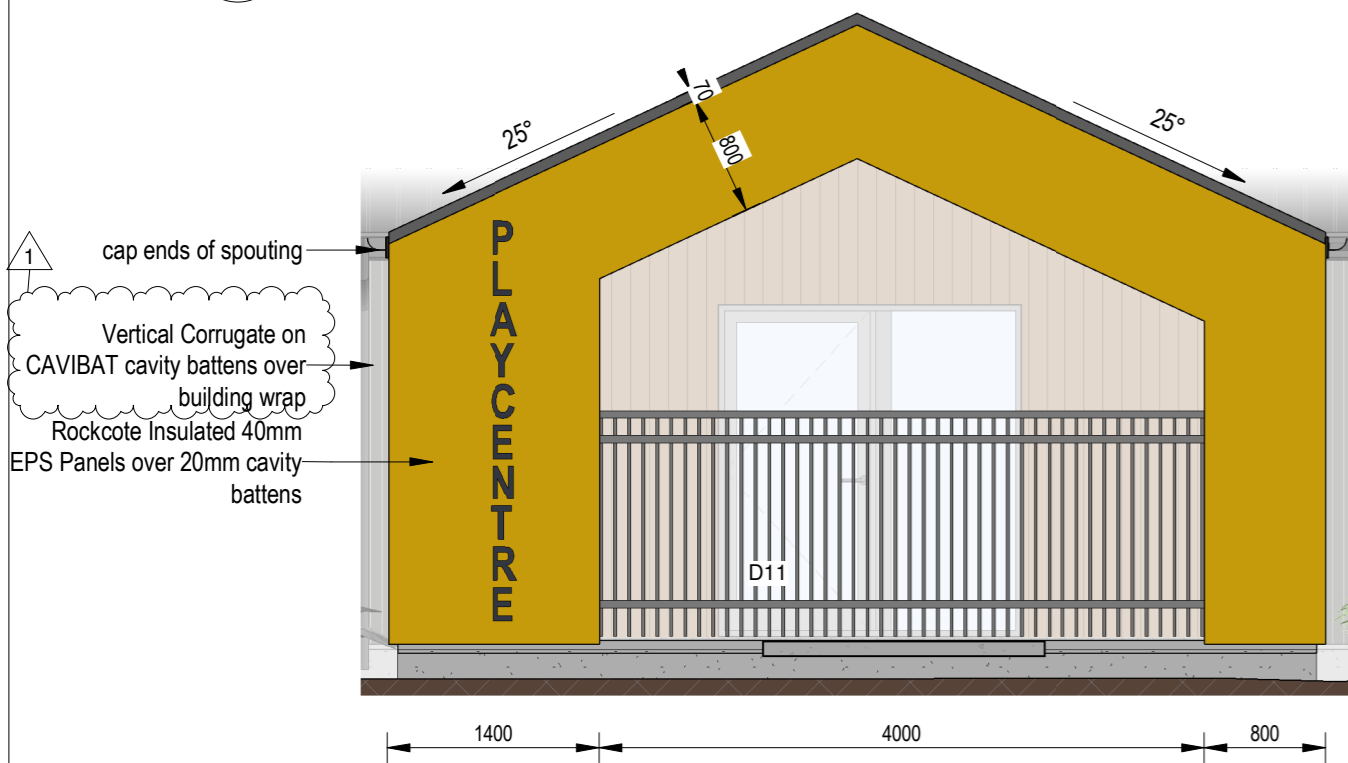
DRAWING
 Roof plans
 ORIGIN DATE

STATUS		BUILDING CONSENT	
DESIGNED	SH	SCALE (A2)	As indicated
DRAWN	SH	REVISION DATE	26-02-21
APPROVED	DWN	DWG NO.	6433-A08
		REVISION	1



- INTERIOR LINING NOTES:**
- Interior wall linings to be 10mm GIB (unless otherwise specified) - Refer Bracing Schedule and plan for locations for brace/line elements and associated fixings.
 - Bathrooms to be 10mm GIB Aqualine to walls with 13mm GIB ceiling linings, fixed to 70x35 ceiling battens @ 600crs.
 - Accessible bathrooms (with showers) to be 4.5mm Seratone with PVC jointers over framing. Ceiling linings to be 13mm GIB Aqualine fixed to 70x35 ceiling battens @ 600crs.
 - Raked freespace areas ceilings to have be 12mm ECOPLY Grooved Plywood lining. Painted with DULUX Fireshield TimberClear 1FR (1-S Group No).
 - Flat ceilings to be 13mm GIB Standard. All ceilings to be fixed with 70x35 ceiling battens @ 600crs.
 - All GIB to be square stopped.
 - 40mm x 10mm Pine Architraves to openings
 - 60mm beveled finger jointed pine skirtings.
 - All paint to adhere to section 5.2 in the Fire report and to be low VOC.
 - Autex to walls in both Playcentre and AELC 'freespace' areas

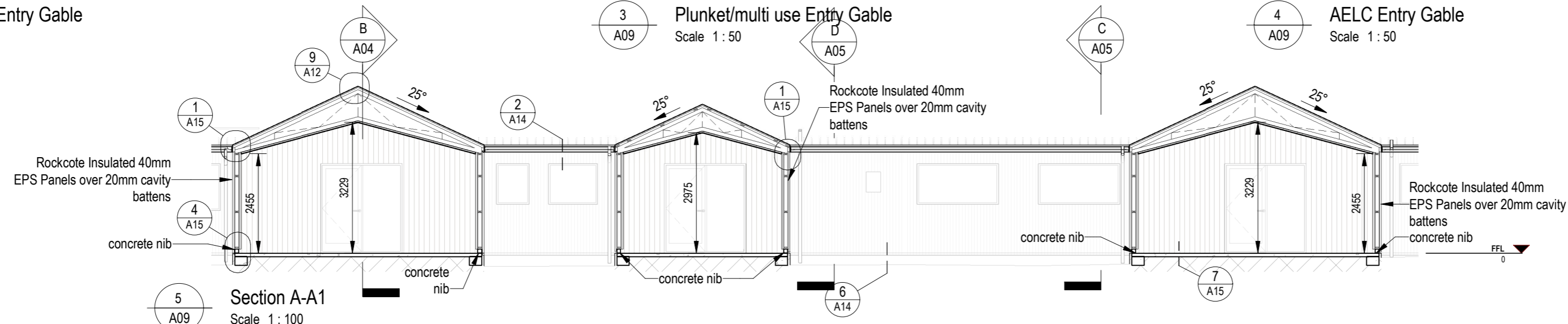
1 Ceiling plan
Scale 1:100



2 Playcentre Entry Gable
Scale 1:50

3 Plunket/multi use Entry Gable
Scale 1:50

4 AELC Entry Gable
Scale 1:50



5 Section A-A1
Scale 1:100

Do not scale from this drawing.
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REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

Marlborough District Council
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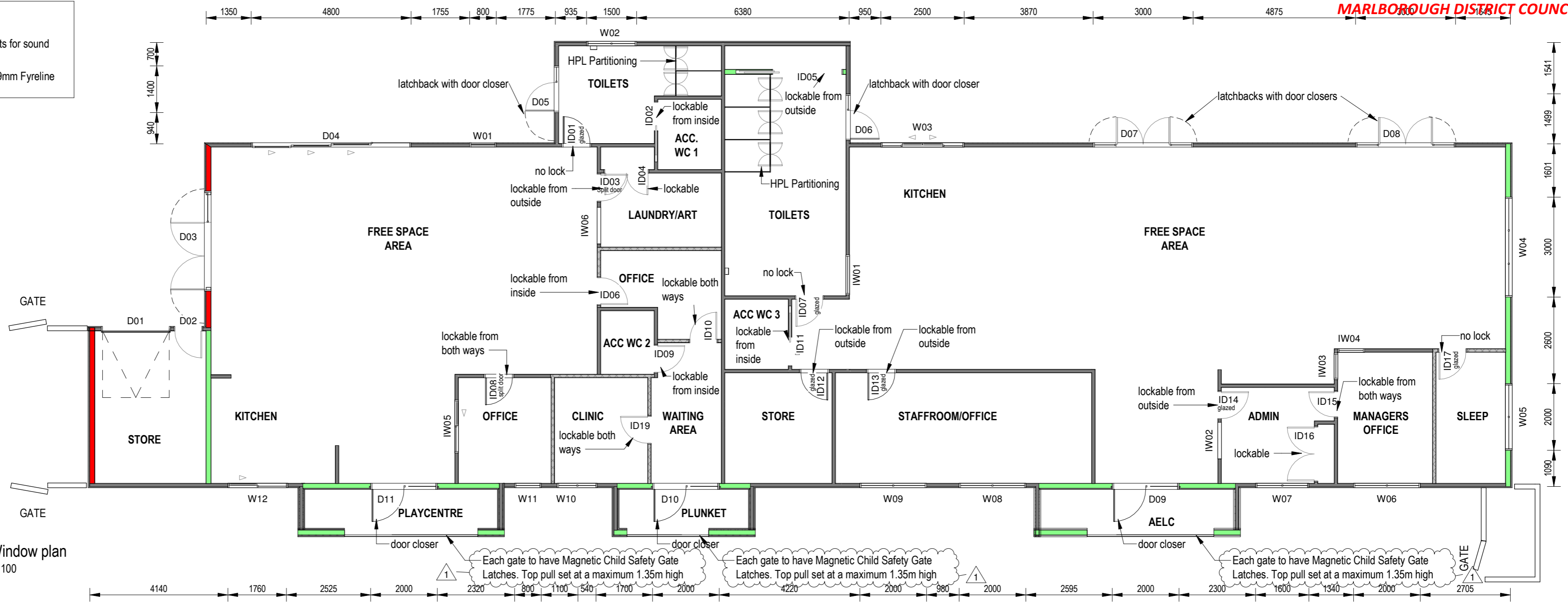
PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Ceiling plan/Gable entry design
ORIGIN DATE

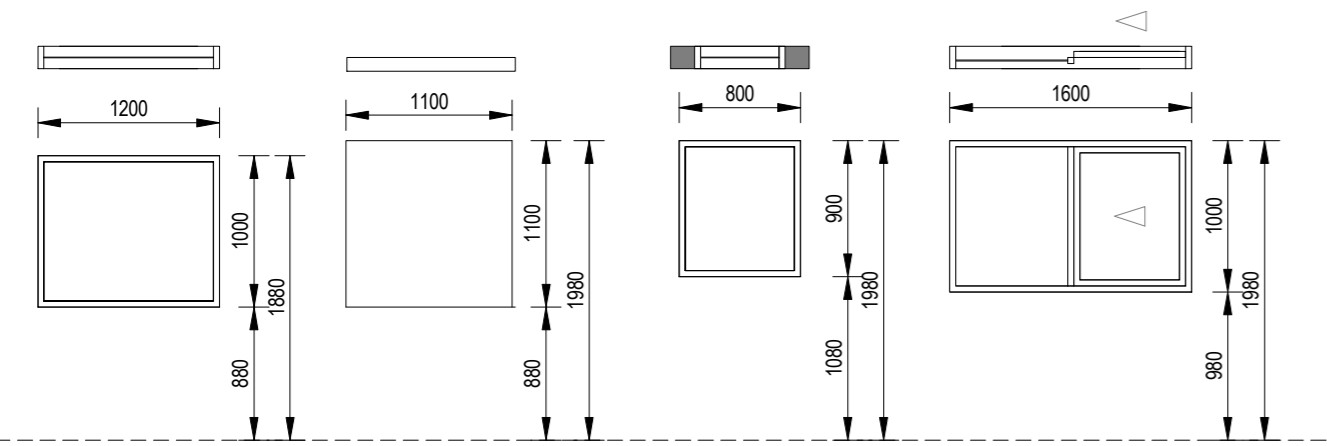
STATUS BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A09
	REVISION 1

WALL FRAMING KEY

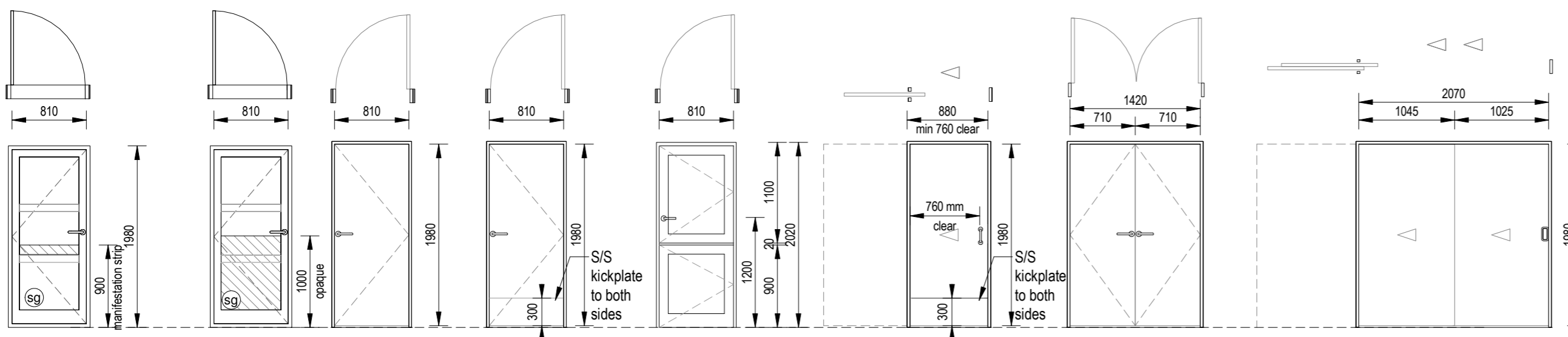
- 90x45 framing walls
- 90x45 framing walls - insulated with R2.8 batts for sound
- 140x45 framing walls
- 140x45 Firerated walls to 120min FRR - 2x19mm Fyreline GIB to inside (GBUW 120)



1
A10 Door/Window plan
Scale 1: 100



Internal glazed window timber framed IW01
Internal Opening, Gib lined and stopped IW06, IW02
Internal glazed window timber framed IW03, IW04
Internal glazed sliding window timber framed IW05



Internal glazed door within timber frame ID07, ID12, ID13, ID14, ID17
Internal glazed door within timber frame ID01
Internal door ID06, ID10, ID15, ID19
Acc WC Internal door ID09
Internal Split door timber panels ID03, ID08
Internal cavity slider door ID02, ID11
Internal cavity slider door ID04, ID16
Internal cupboard door Pull handles to both leaves with top mounted catches
Internal cavity slider cupboard door ID05

INTERIOR JOINERY NOTES:

- All interior doors to be poly hollow core panels. Paint finish
- MDF Sliding doors to be steel reinforced 2 sides.
- All interior doors to have 40mm beveled architraves. Paint finish MDF.
- Refer to specification for hardware
- Doors frequented by children consider installing 'no-jam' safety devices

INTERNAL GLAZING:
All joinery to have double glazed safety glass below 2m high. All glazing to adhere to NZS 4223 part 3 2016.

DOOR HARDWARE:
Please refer to Fire report and Access report for further information

- 1) Door hardware must comply with NZBC D1/AS1 for use by people with disabilities and shall be constructed to allow a single hand to release a latch, two hands to set the door in motion and a single hand to open the door to the required width. See also attached Accessibility Report for discussion on reconciling child-proof locks with accessibility requirements.
- 2) The locking devices of all doors along an exit route shall be visible, keyless and easily opened (3.15.2). Where the opening of the locking device is unusual, which may include child-proof locks, signage that complies with NZBC F8/AS1 should be installed. No panic fastenings are required where there are no crowd activities of more than 100 people (3.15.14), so simple fastenings readily operated from the direction of escape are acceptable.
- 3) All exit doors are to have a level threshold - or 20mm maximum step for weatherproofing for the arc of the door under 3.15.5 (d) NZBC C/AS2 (2019).

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
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Marlborough District Council
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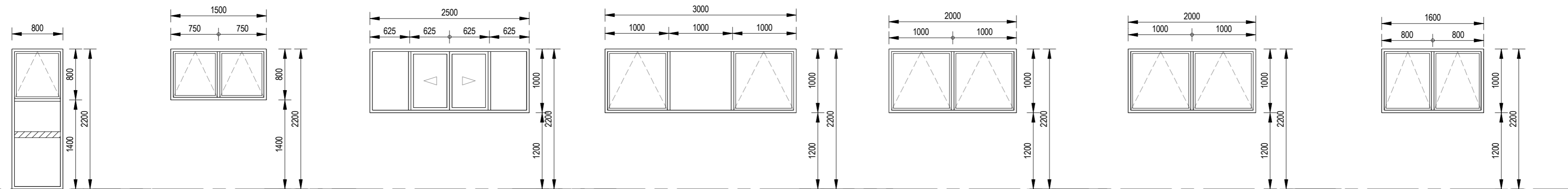
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PROJECT
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Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

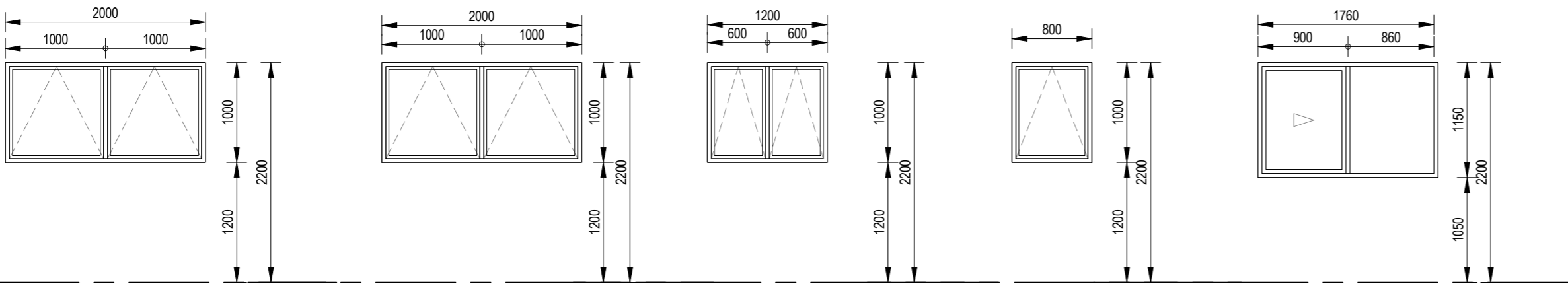
DRAWING
Openings plan/Internal openings
ORIGIN DATE

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A10
	REVISION 1



W01 Playcentre free space window
W02 Playcentre bathroom window
W03 AELC kitchen sliding window
W04 AELC free space west facing window
W05 AELC sleep room window
W06 AELC Managers office
W07 AELC admin office window



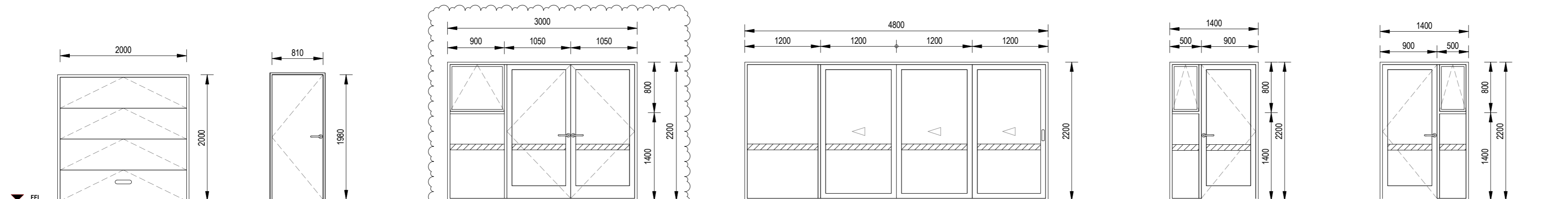
W08 AELC staffroom/office window
W09 AELC Staffroom/office window
W10 Clinic window
W11 Office window
W12 Playcentre Kitchen sliding window

ALUMINIUM JOINERY NOTES:

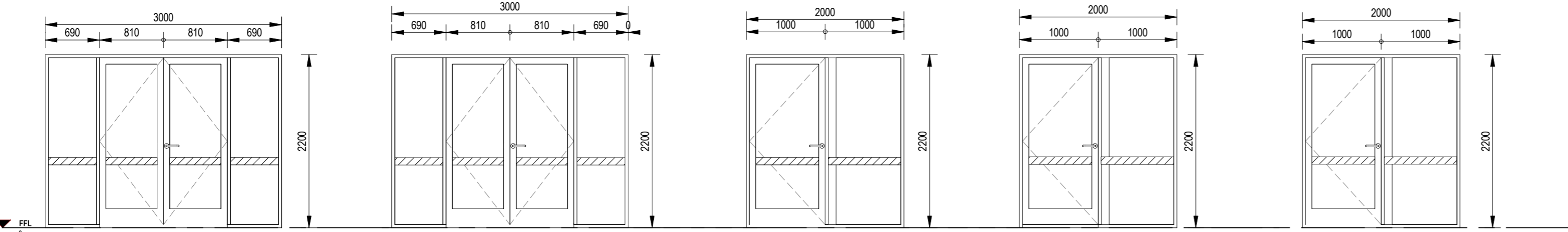
- All joinery to have double glazed safety glass below 2m high. All glazing to adhere to NZS 4223 part 3 2016.
 - Powdercoated aluminium joinery - Window manufacturer to size and confirm profile to suit wind loads and spans. All door suites to be 100mm Styles, windows to be 40mm.
 - All sizes given for windows and doors are rough opening sizes only. Contractor to confirm all opening sizes with joinery manufacturer prior to fabrication.
 - All hardware to match joinery colour.
 - Top hung sashes to be fitted with awning type friction stays.
 - Manifestation strips at 800-1200mm high to comply with NZS 4223:2016 Part 3.
- Hatched area donotes manifestation strip

DOOR HARDWARE NOTES:

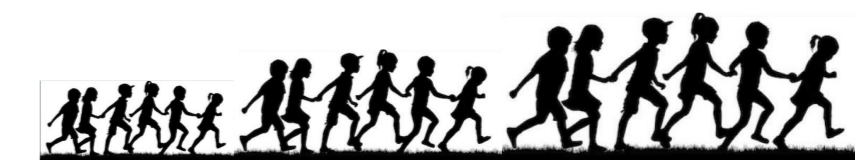
- Please refer to Fire report and Access report for further information
Please also refer to hardware schedule by Alleigon
- 1) Door hardware must comply with NZBC D1/AS1 for use by people with disabilities and shall be constructed to allow a single hand to release a latch, two hands to set the door in motion and a single hand to open the door to the required width. See also attached Accessibility Report for discussion on reconciling child-proof locks with accessibility requirements.
 - 2) The locking devices of all doors along an exit route shall be visible, keyless and easily opened (3.15.2). Where the opening of the locking device is unusual, which may include child-proof locks, signage that complies with NZBC F8/AS1 should be installed. No panic fastenings are required where there are no crowd activities of more than 100 people (3.15.14), so simple fastenings readily operated from the direction of escape are acceptable.
 - 3) All exit doors are to have a level threshold – or 20mm maximum step for weatherproofing for the arc of the door under 3.15.5 (d) NZBC C/AS2 (2019).



D01 Storage room Sectional manual pull up door
D02 PA door storage room Flush panel fibreglass door leaf with aluminium frame
D03 Free space east door Ranchslider with sidelight and high awning window. 180° hold back opening
D04 Playcentre Free space south door 100mm Styles
D05 Playcentre toilet door/window unit
D06 AELC toilet door/window unit



D07 AELC south door 100mm Styles
D08 AELC south door 100mm Styles
D09 AELC entrance door 100mm Styles
D10 Multi use/Plunket entrance door 100mm Styles
D11 Playcentre entrance door 100mm Styles



Example of proposed manifestation
The concept is children running and growing up together

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

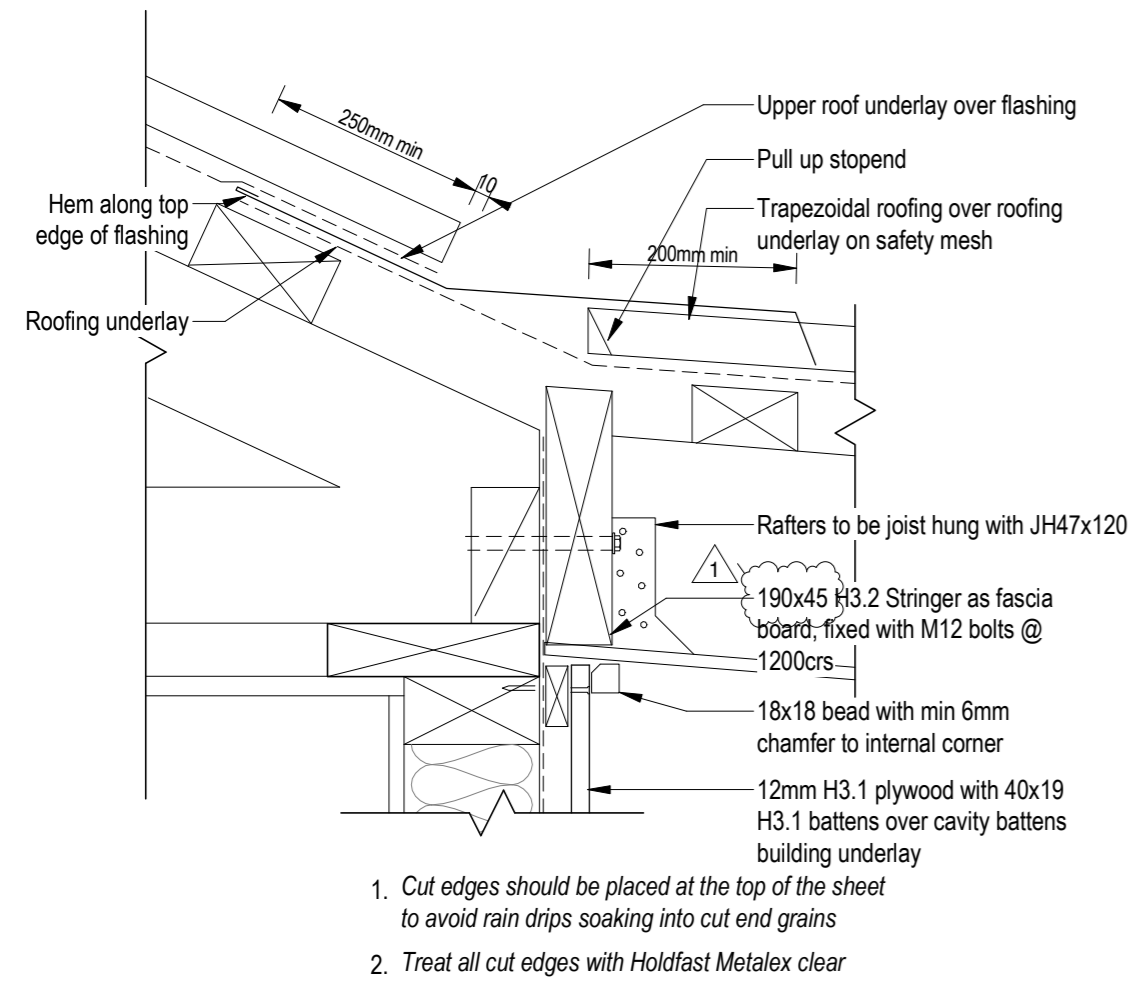
REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

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PROJECT
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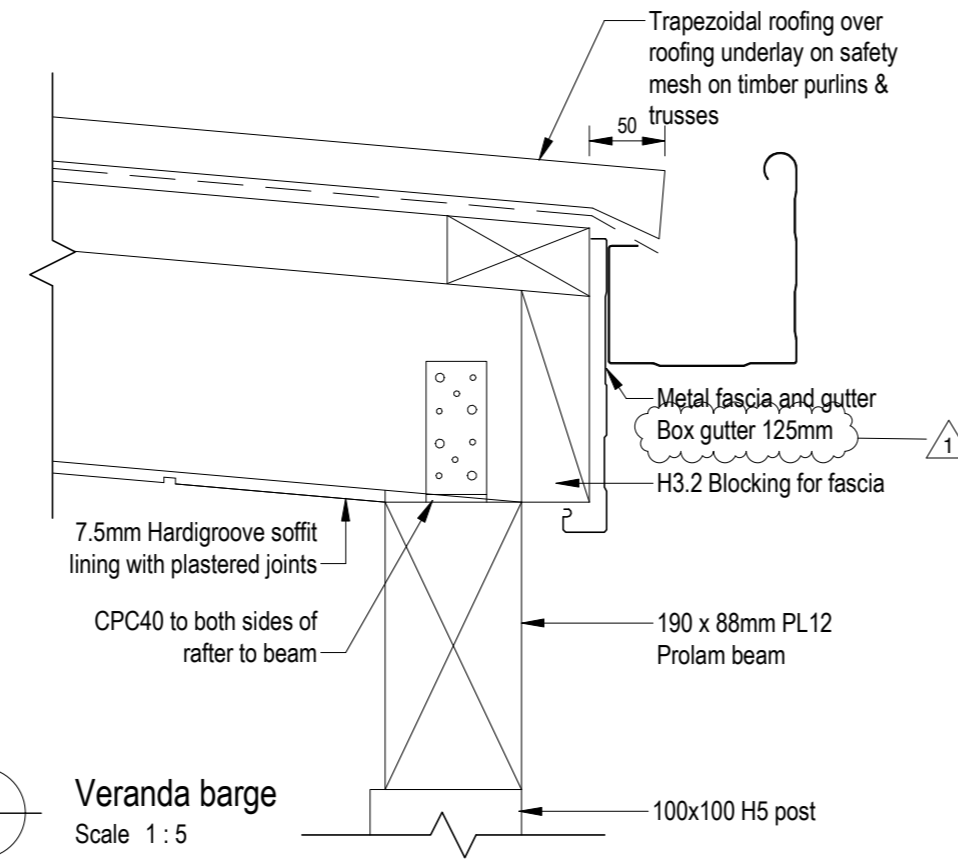
DRAWING
External Openings
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A11
	REVISION 1

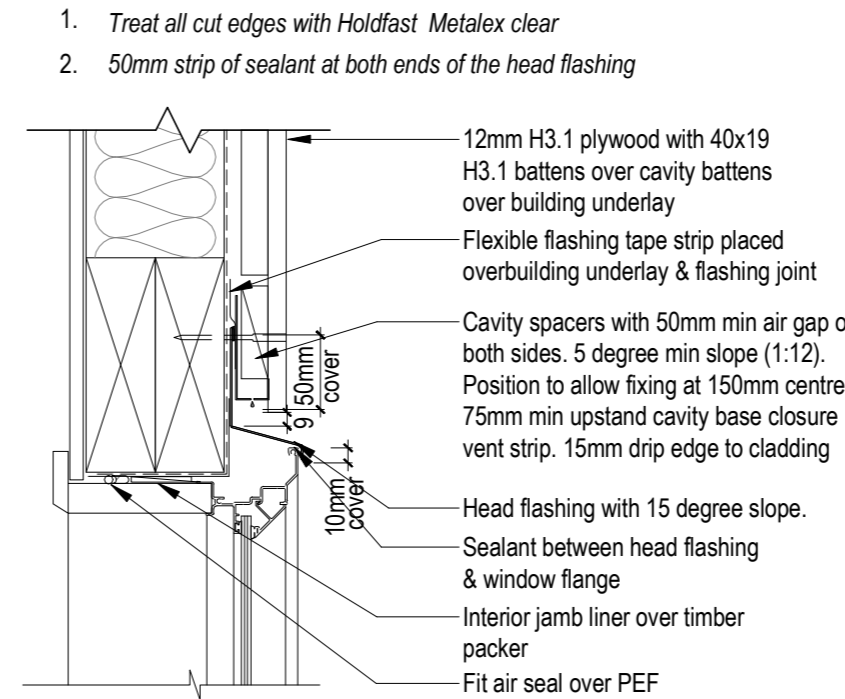


1. Cut edges should be placed at the top of the sheet to avoid rain drips soaking into cut end grains
2. Treat all cut edges with Holdfast Metalex clear

1 Change of pitch/Eave detail
Scale 1:5

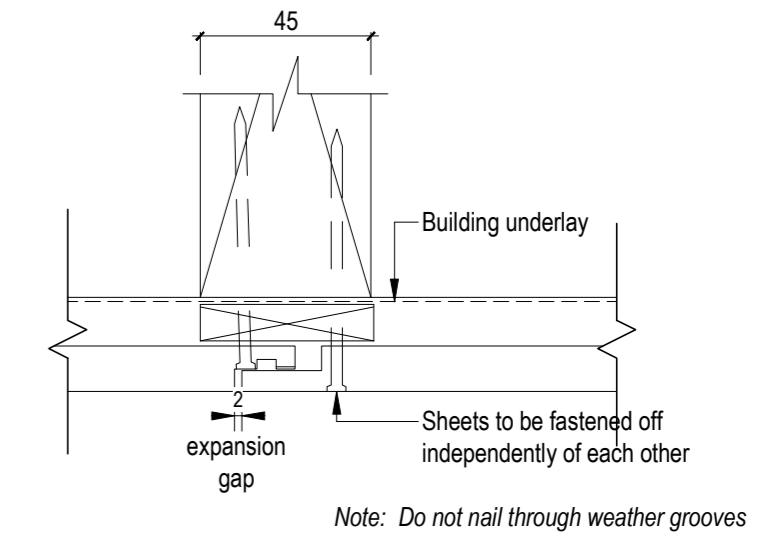


2 Veranda barge
Scale 1:5

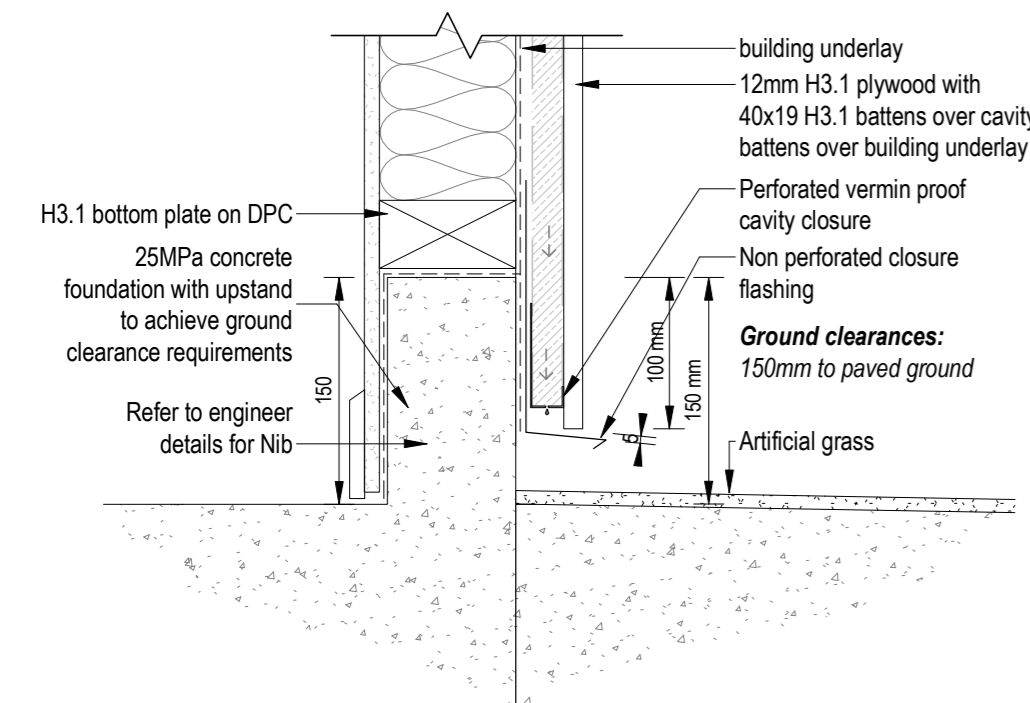


1. Treat all cut edges with Holdfast Metalex clear
2. 50mm strip of sealant at both ends of the head flashing

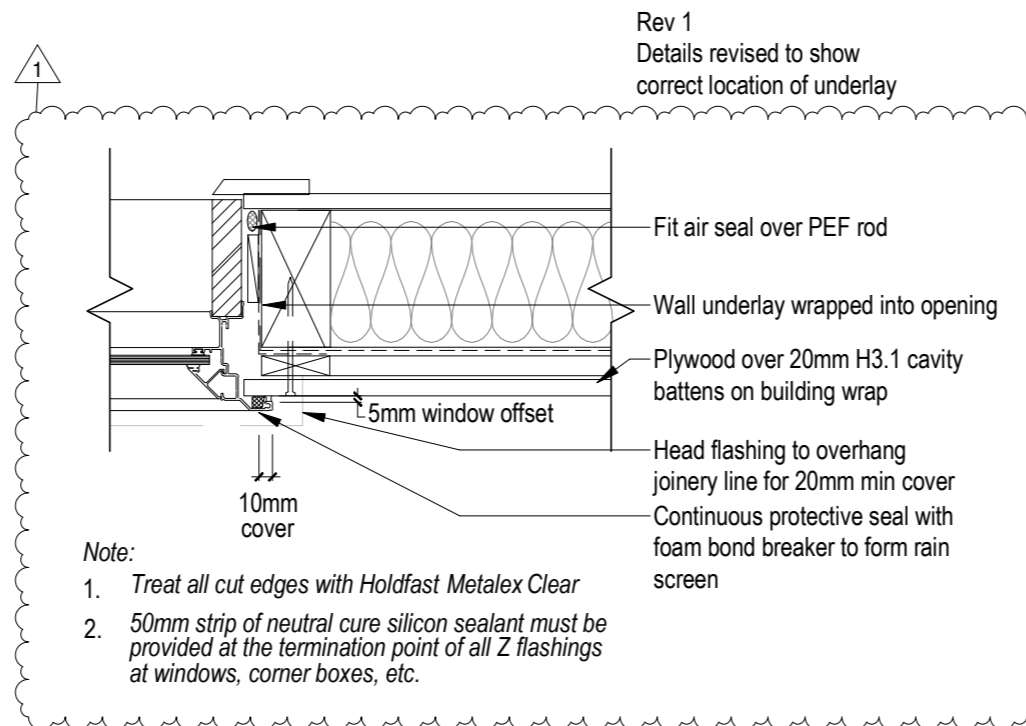
3 Board/Batt Window Head Detail
Scale 1:5



4 Board/Batt Vertical Joint Detail
Scale 1:2

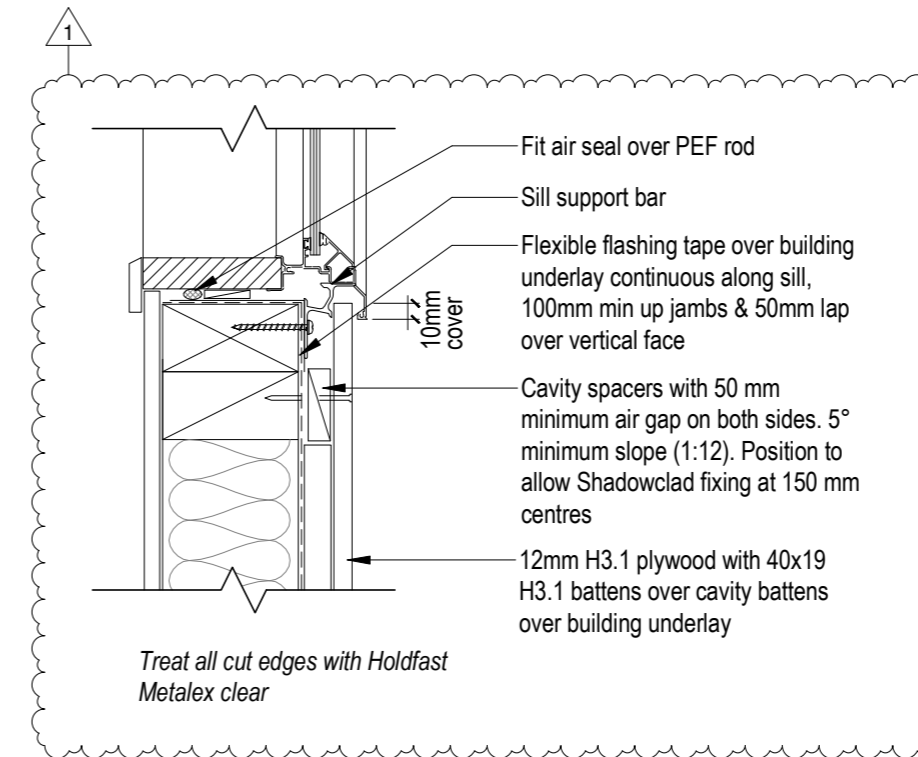


5 Board and Batten Base to Nib detail
Scale 1:5

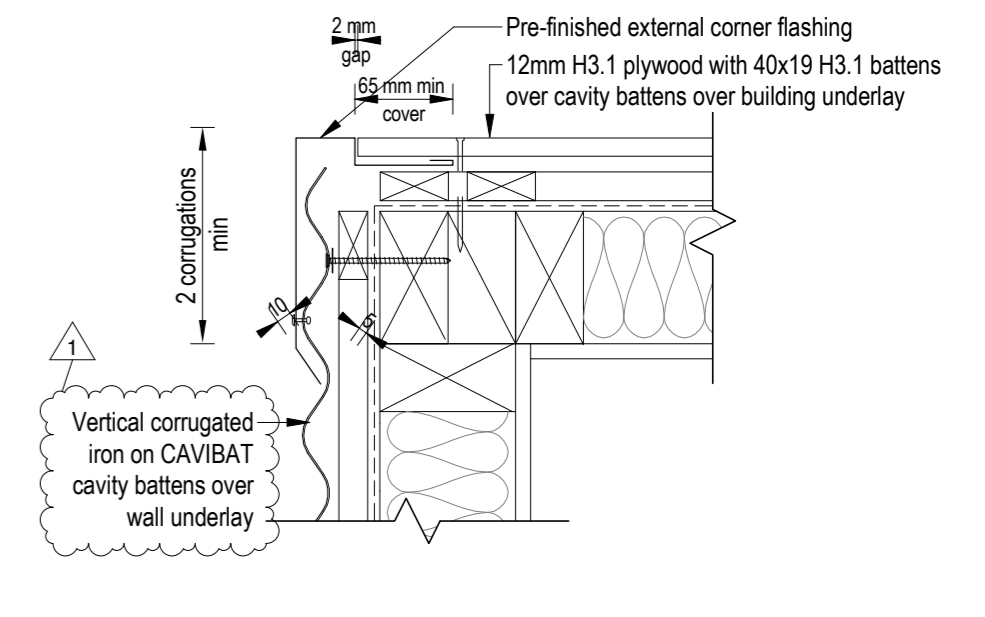


- Note:
1. Treat all cut edges with Holdfast Metalex Clear
 2. 50mm strip of neutral cure silicon sealant must be provided at the termination point of all Z flashings at windows, corner boxes, etc.

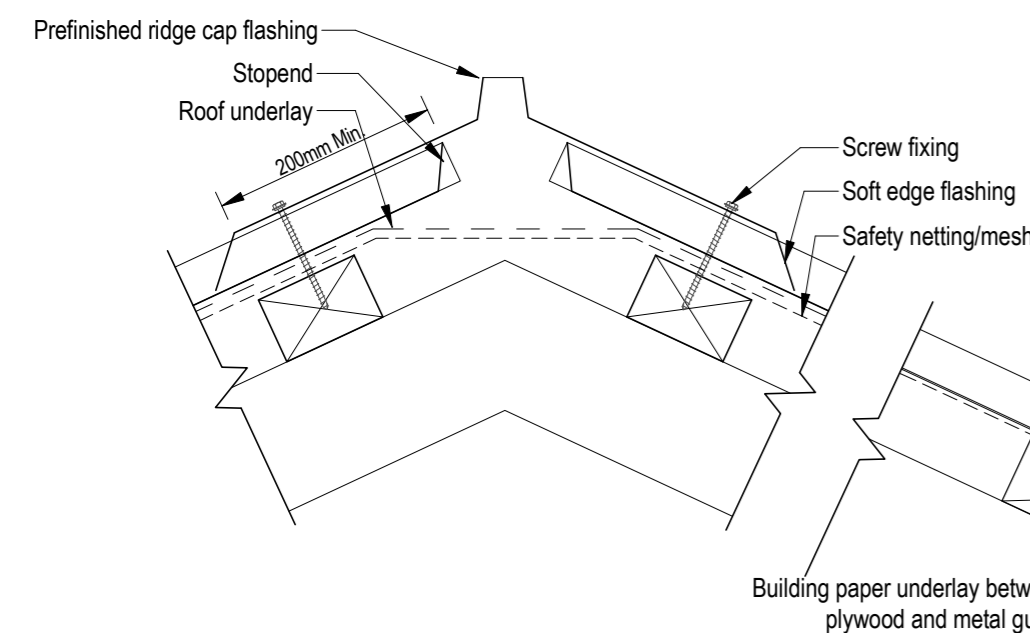
6 Board/Batt Window Jamb Detail
Scale 1:5



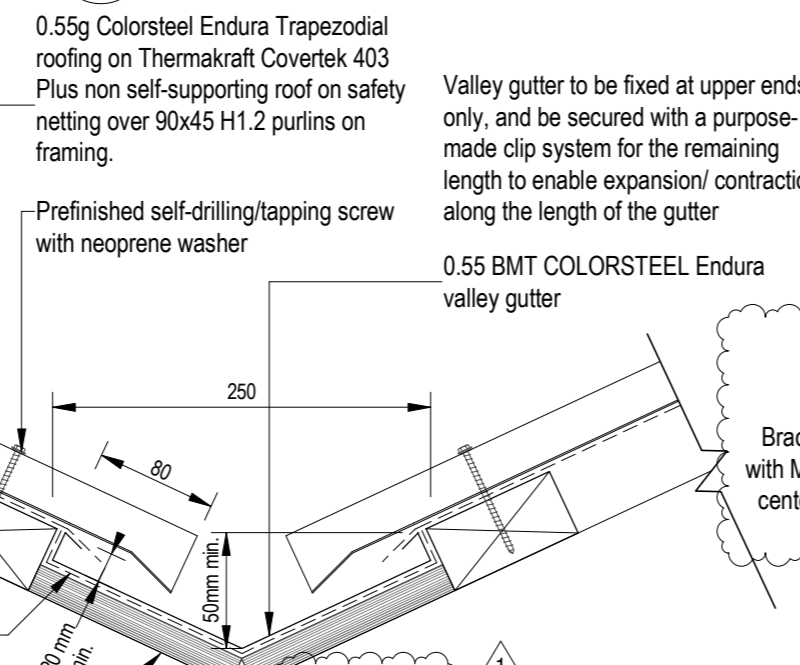
7 Board/Batt Window Sill Detail
Scale 1:5



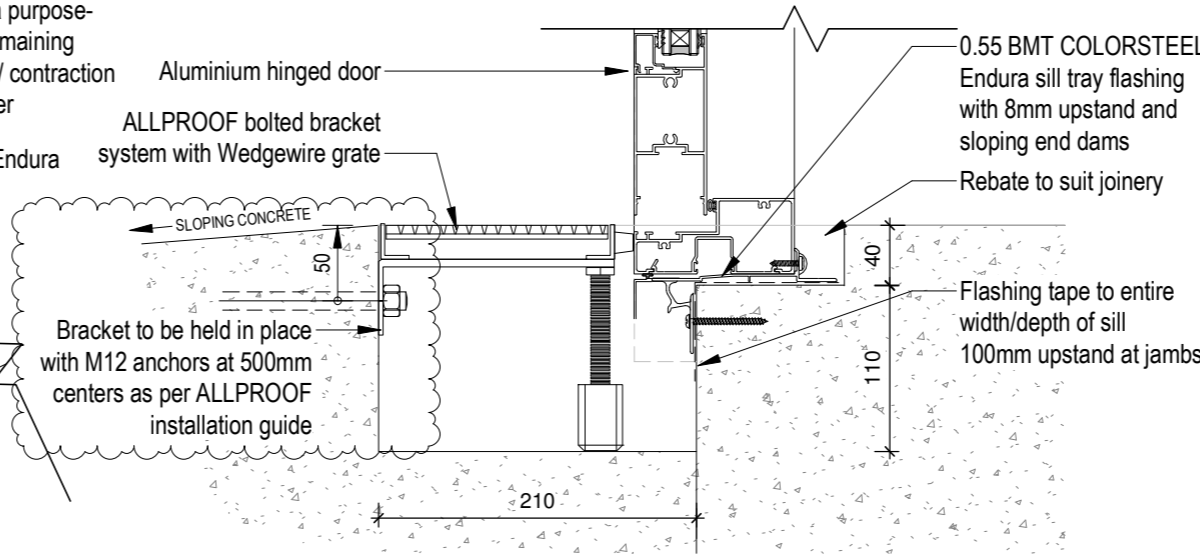
8 Board/Batt to Vert External Corner detail
Scale 1:5



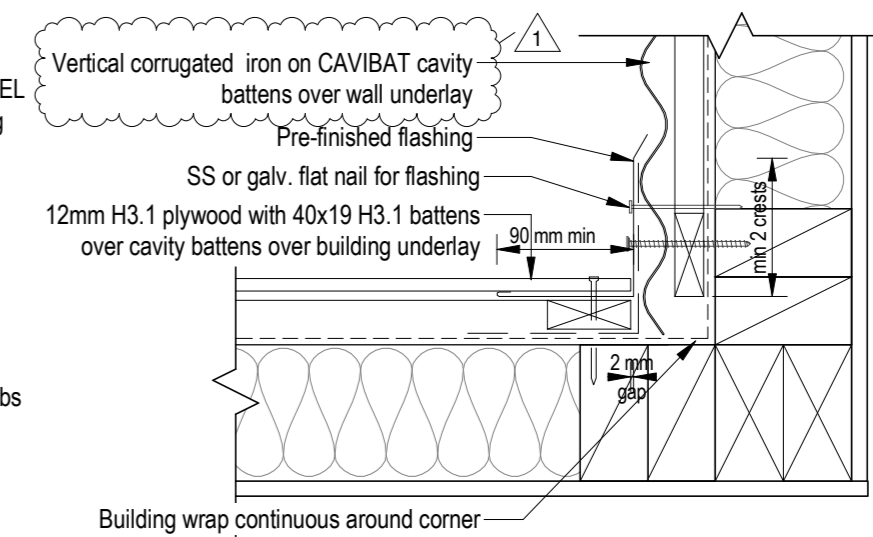
9 Ridge Detail
Scale 1:5



11 Valley Gutter
Scale 1:5

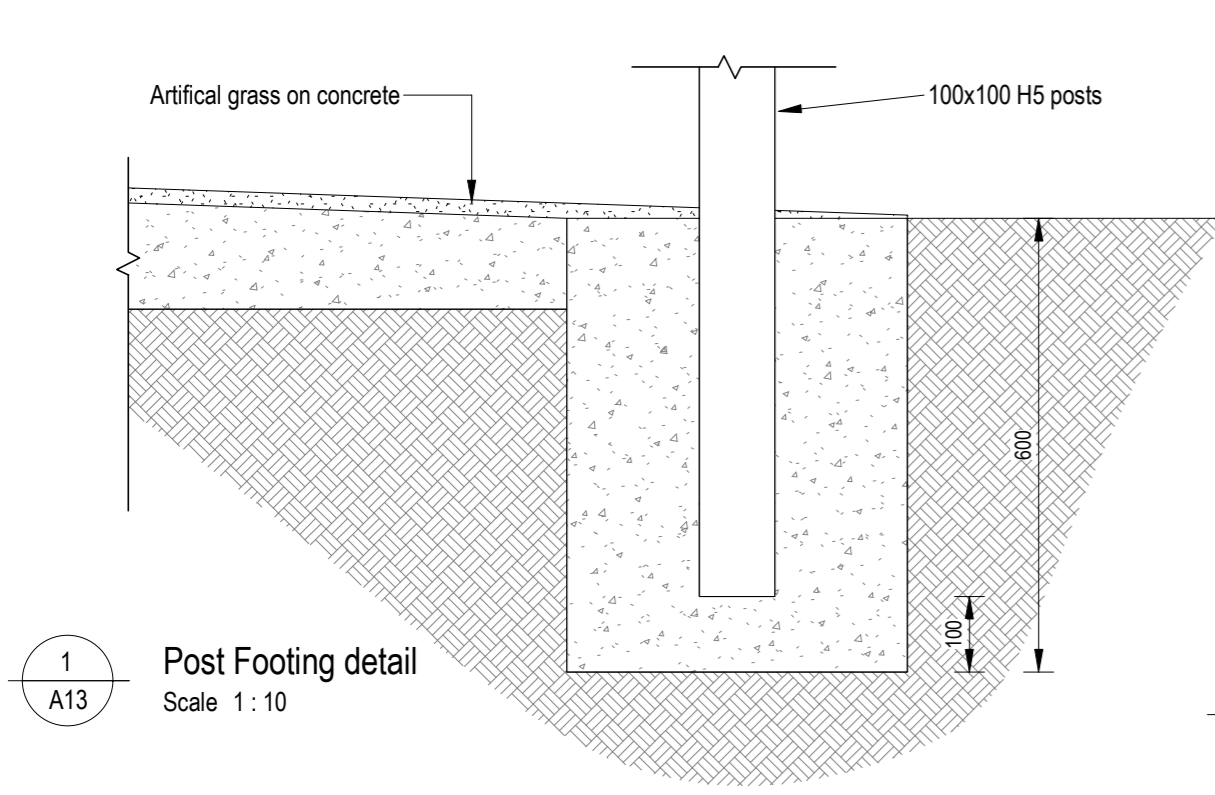


10 Channel drain at door detail
Scale 1:5

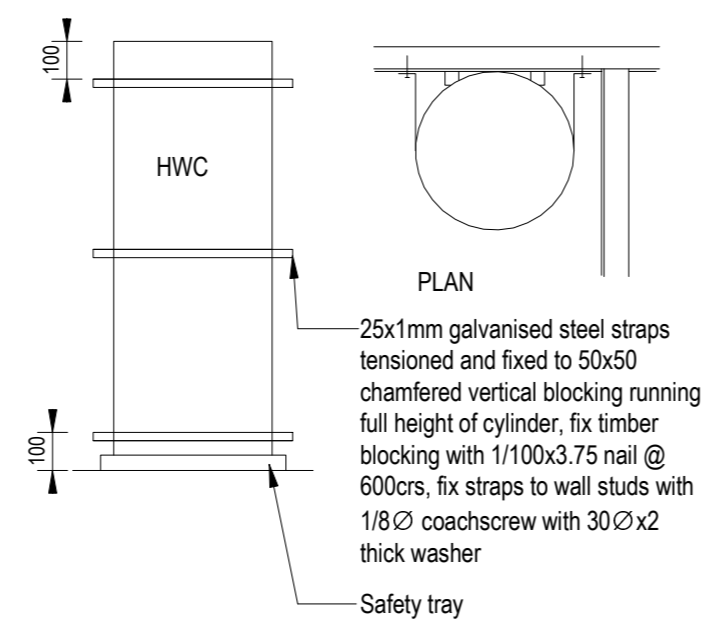


12 Board & Batt/Corru Internal Corner Detail
Scale 1:5

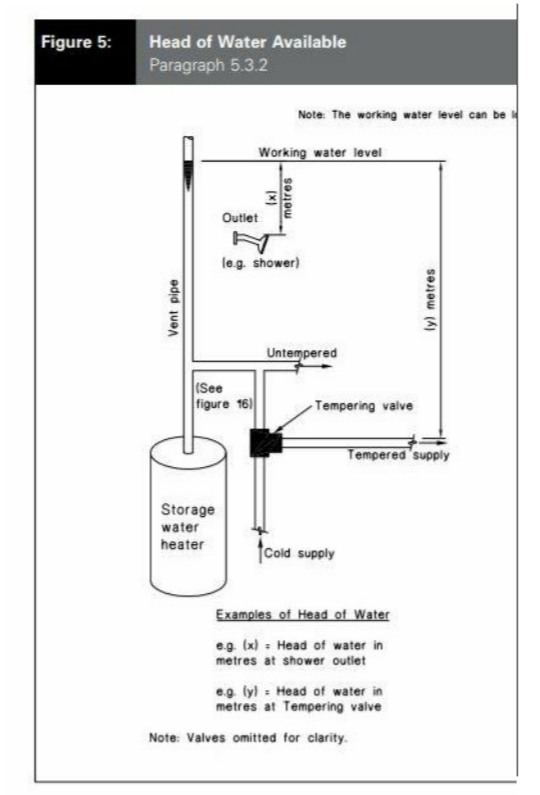
REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision



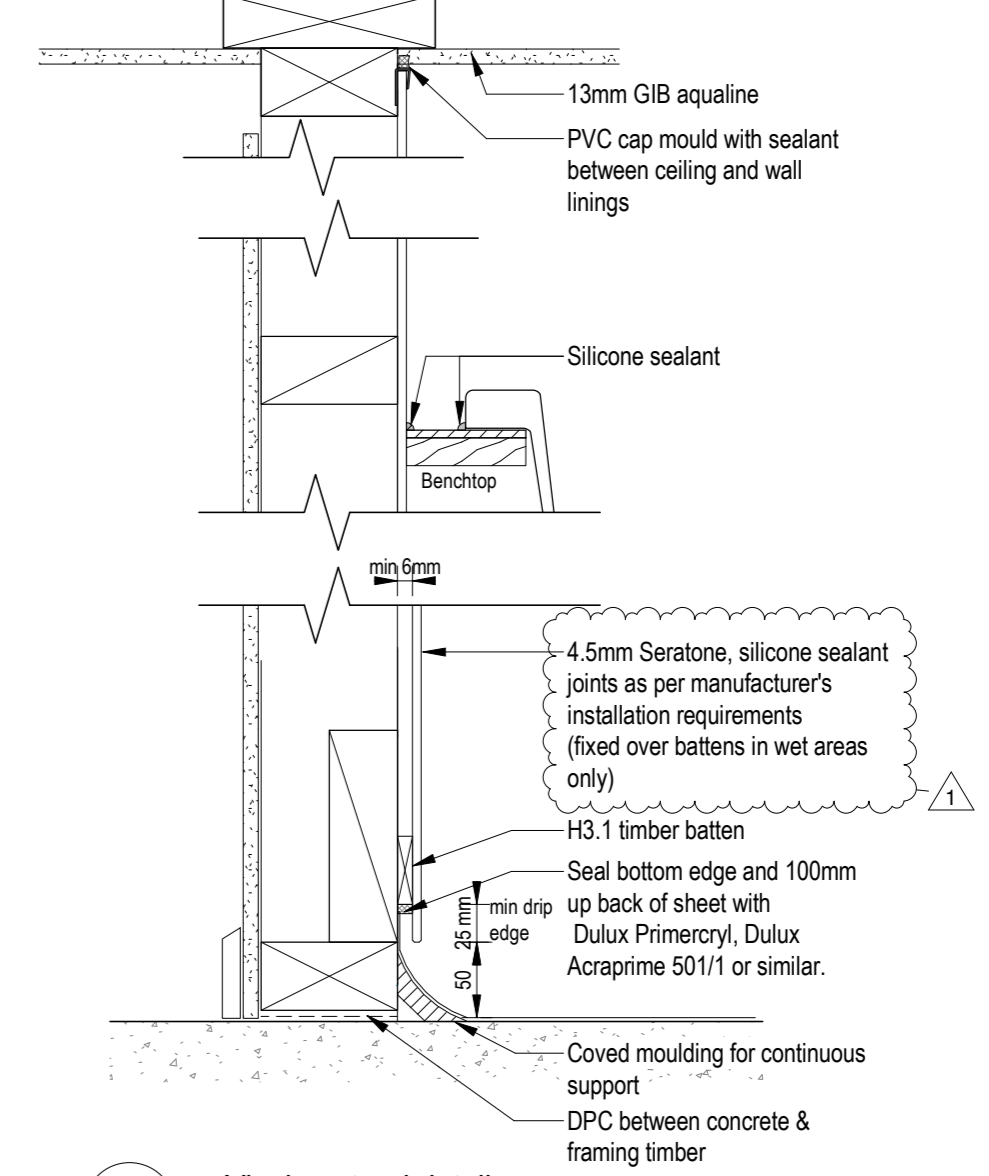
1 Post Footing detail
Scale 1:10



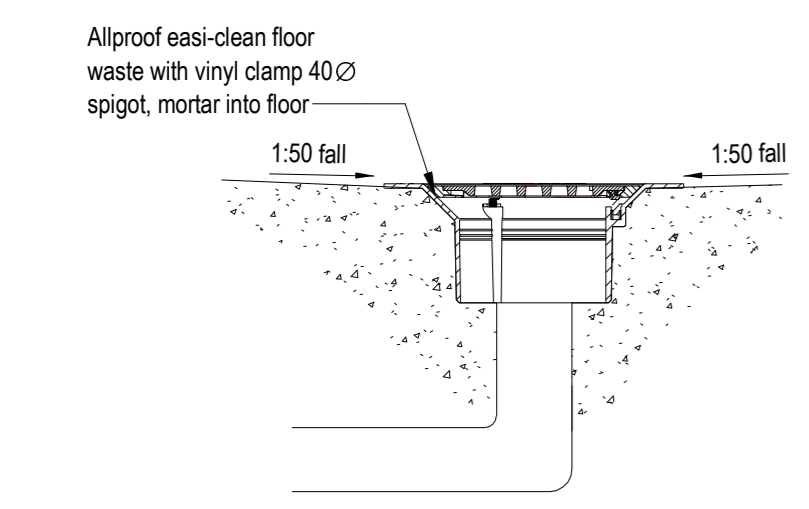
2 HWC Restraint
Scale 1:20



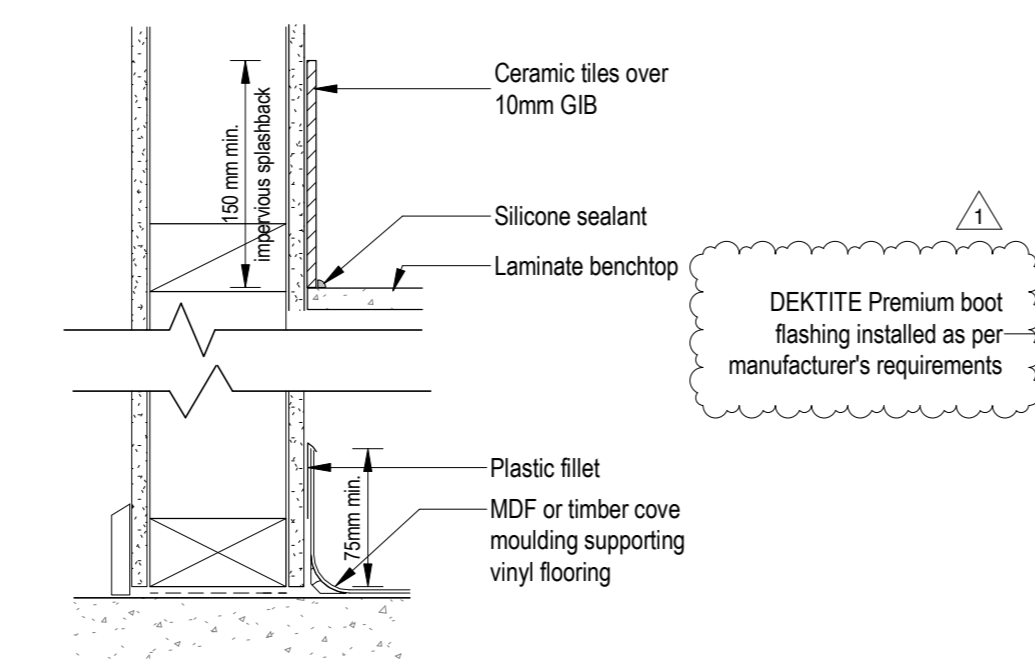
3 HWC valves
Scale 1:5



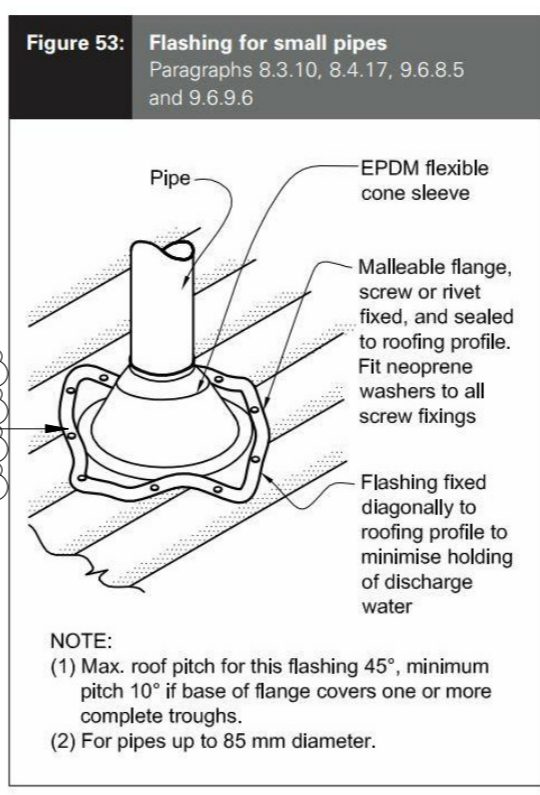
4 Vinyl upstand detail
Scale 1:5



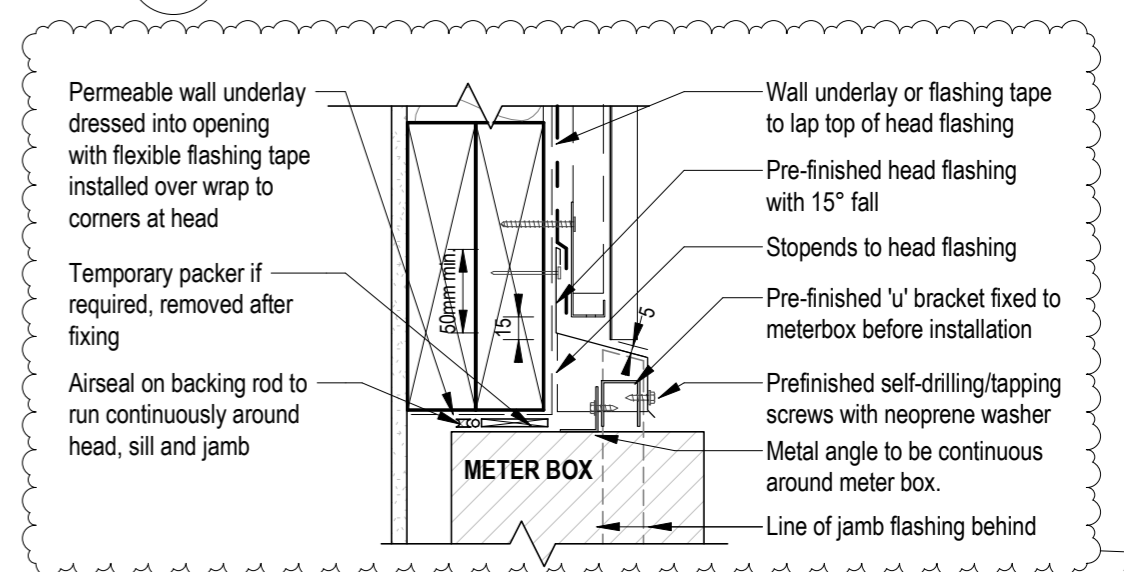
5 Shower FWG detail
Scale 1:5



6 Kitchen Vinyl upstand & bench detail
Scale 1:5

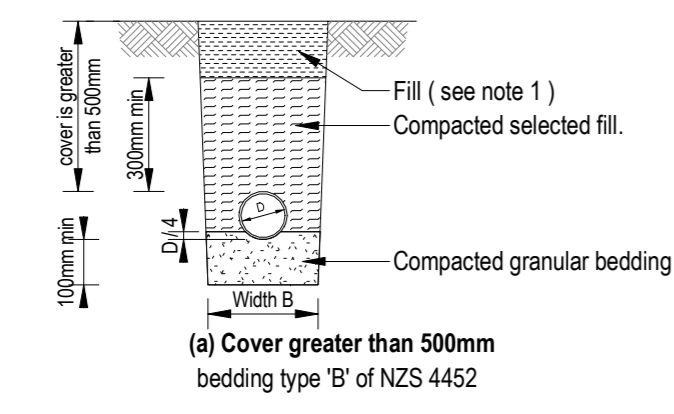


7 Flashing for small pipes
Scale 1:5

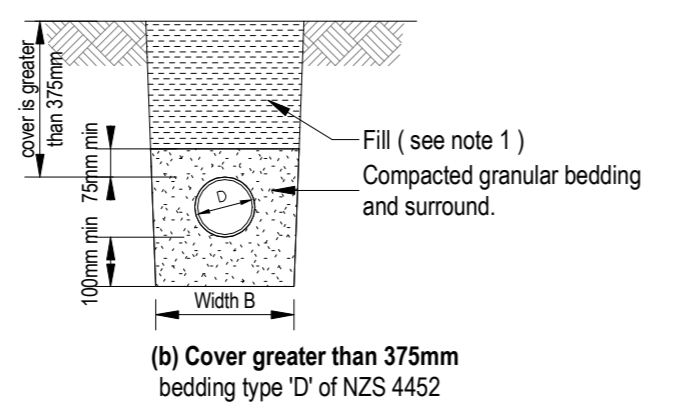


8 Corrugate Meterbox Head details
Scale 1:5

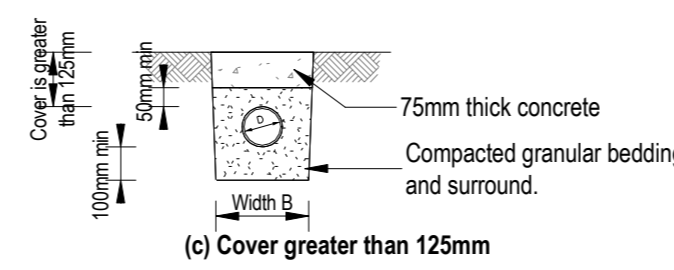
Rev 1
Details revised to show drained cavity



(a) Cover greater than 500mm bedding type 'B' of NZS 4452

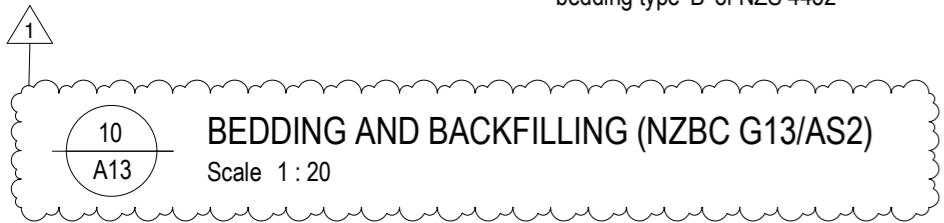


(b) Cover greater than 375mm bedding type 'D' of NZS 4452

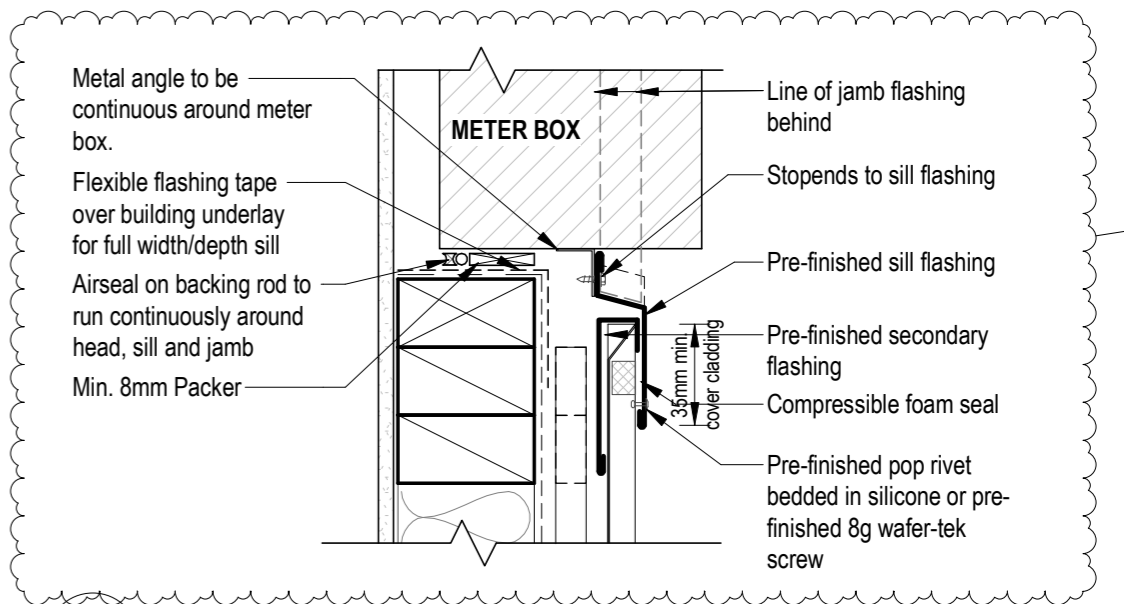


(c) Cover greater than 125mm

5.4.1 The width B of the trench shall be no less than the pipe diameter D plus 200 mm. The width of the trench at the top of the pipe shall be no more than 600 mm unless the pipes in the trench are covered with concrete, as in Detail (c). Fill shall be compacted selected fill where drains are located below residential driveways and similar areas subjected to light traffic. Use ordinary fill where drains are located below open country



10 BEDDING AND BACKFILLING (NZBC G13/AS2)
Scale 1:20



9 Corrugate meterbox sill detail
Scale 1:5

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
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Marlborough District Council
Date Received: 26/2/2021

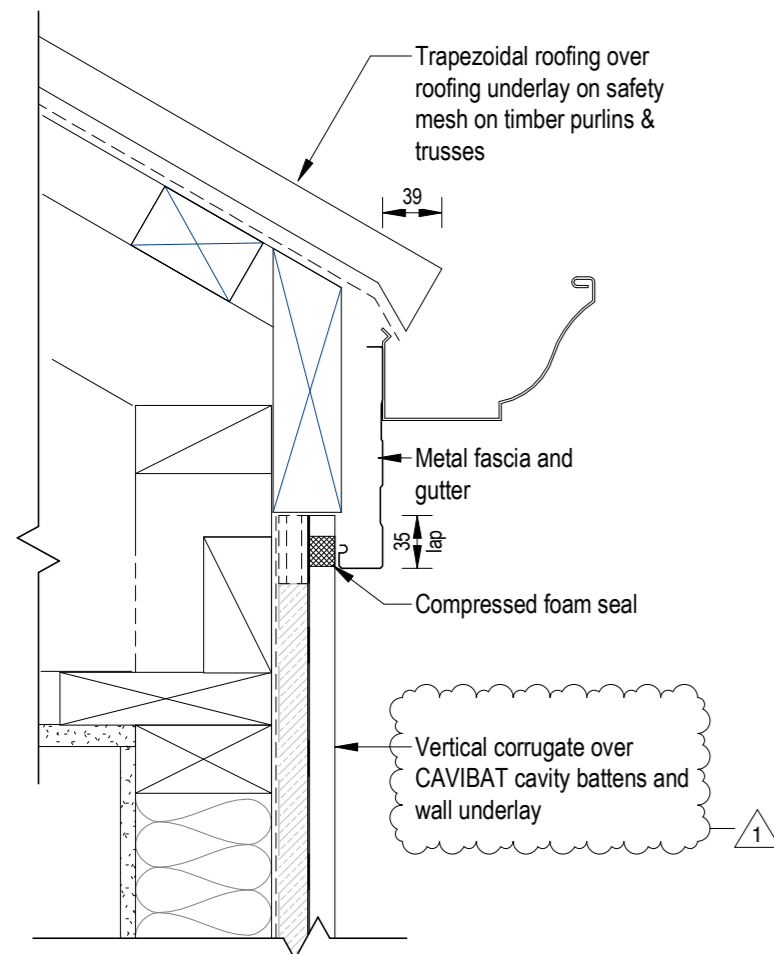
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PROJECT
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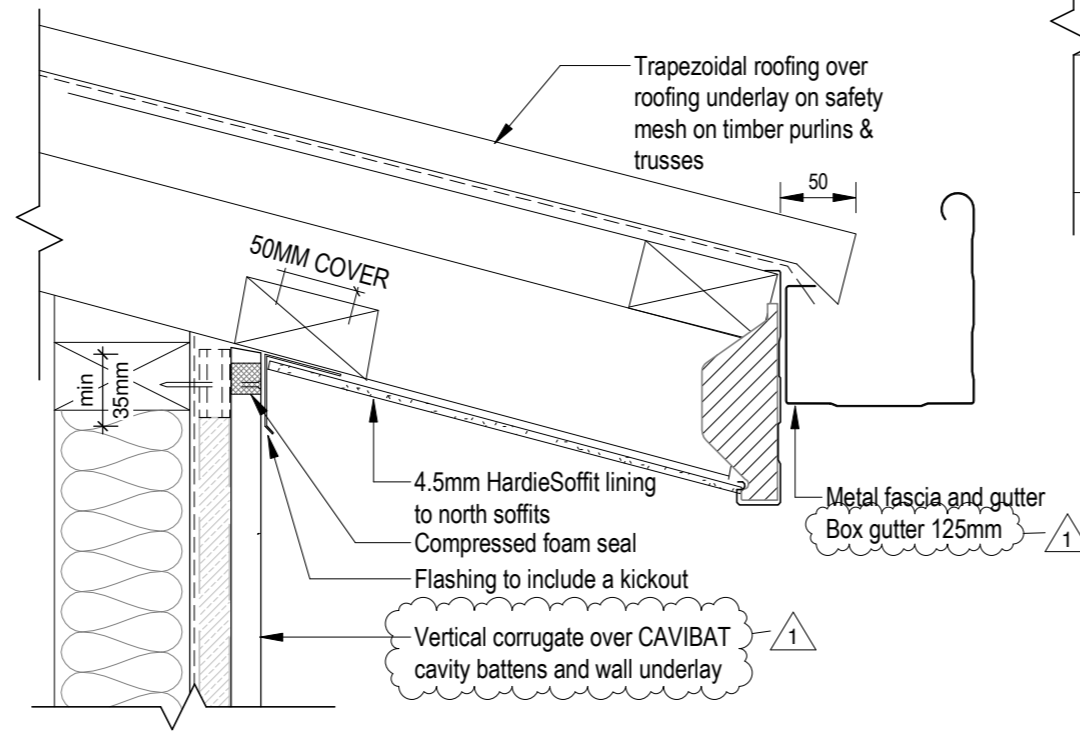
DRAWING
Details - various
ORIGIN DATE

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

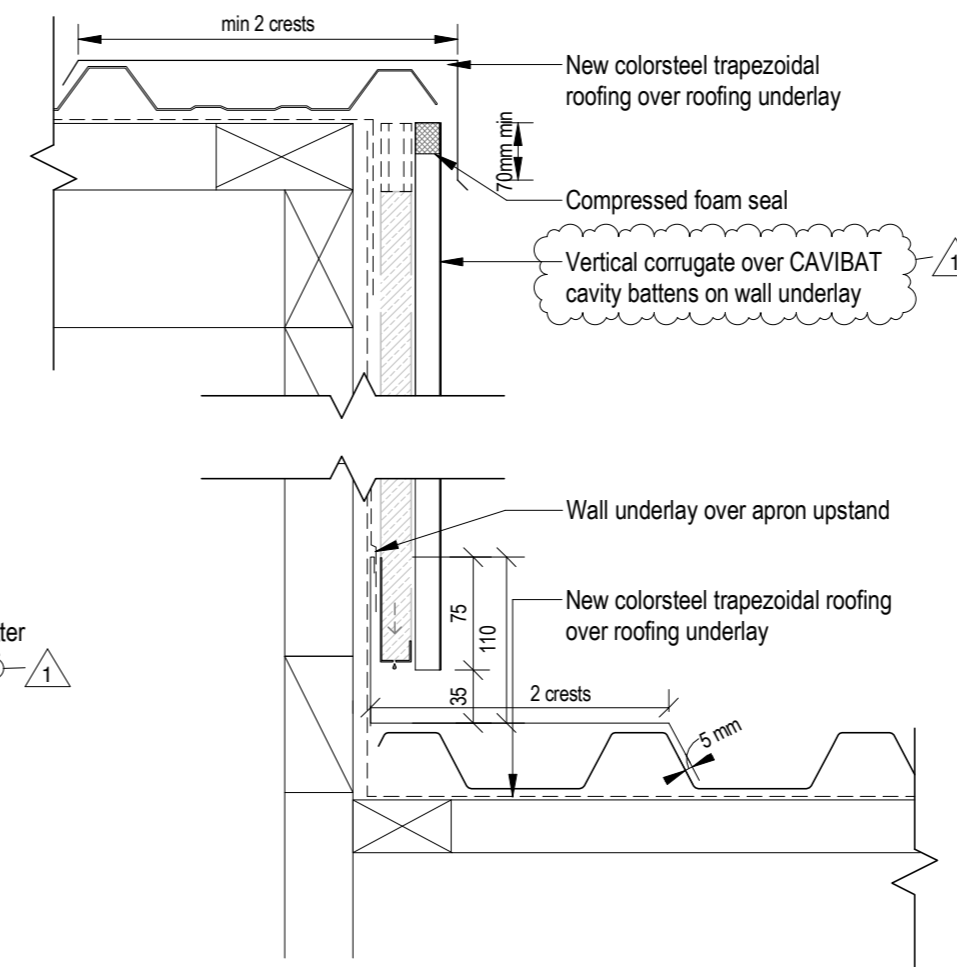
STATUS BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-A13
	REVISION 1



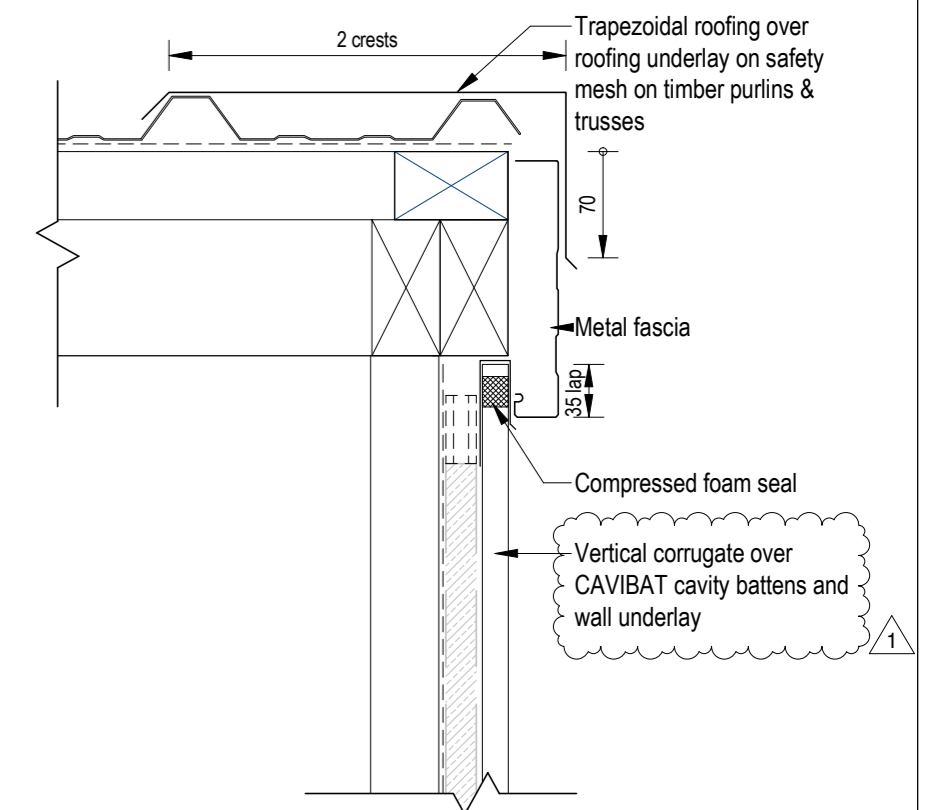
1 Corrugate (no soffit) eave detail
Scale 1:5



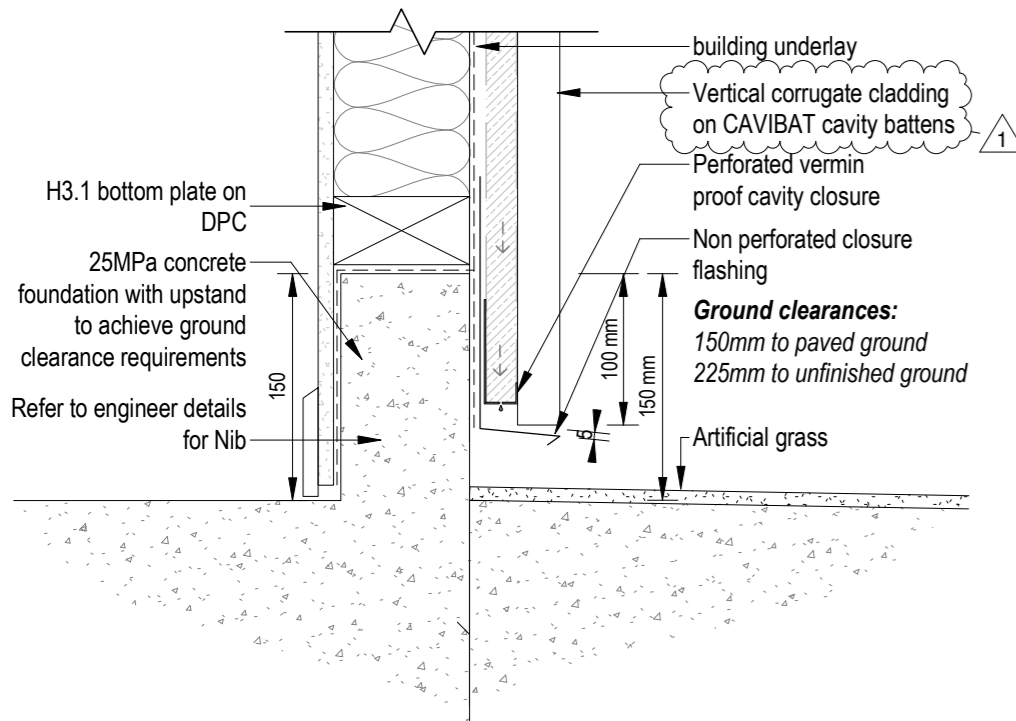
2 Corrugate Eave with raked Soffit detail
Scale 1:5



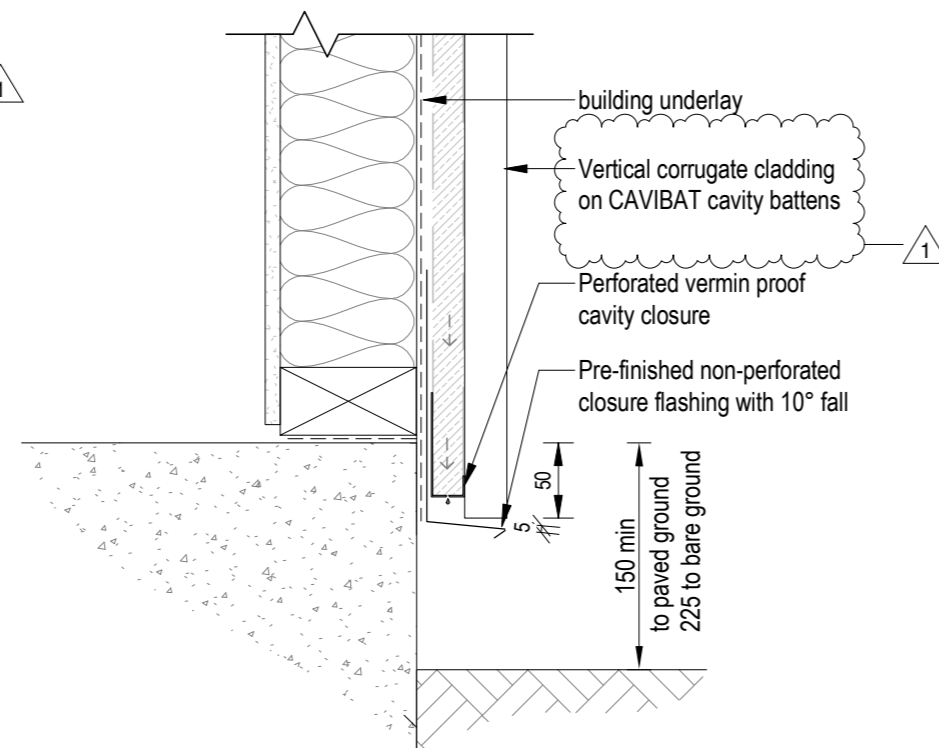
3 Corrugate Transverse Apron Flashing Detail
Scale 1:5



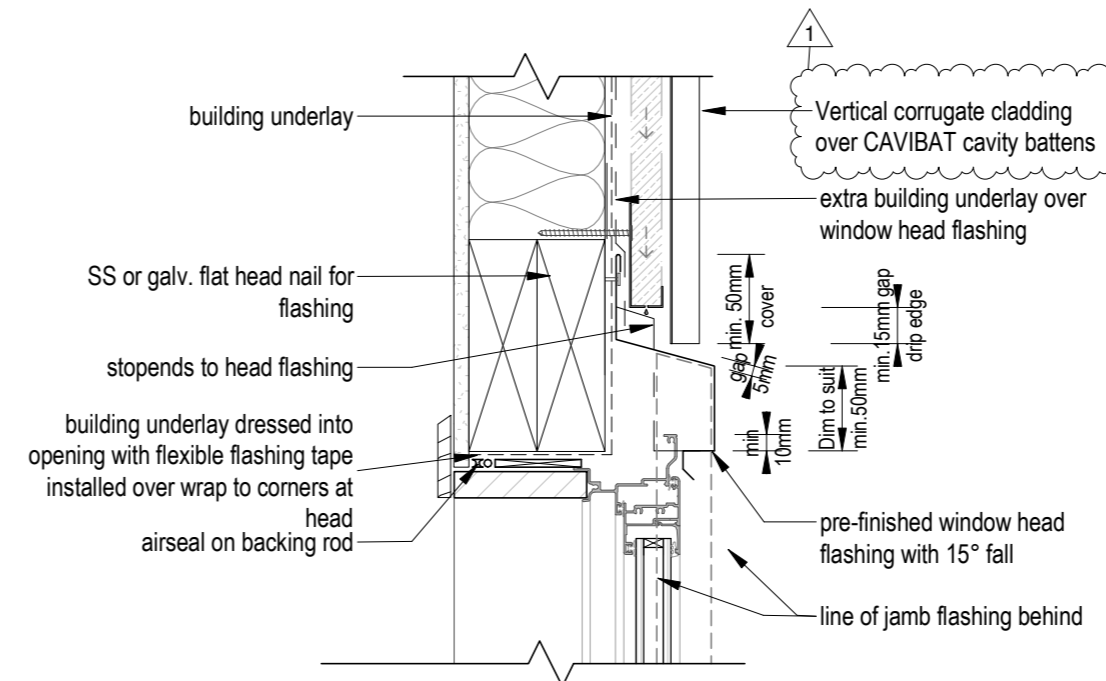
4 Corrugate Barge Detail
Scale 1:5



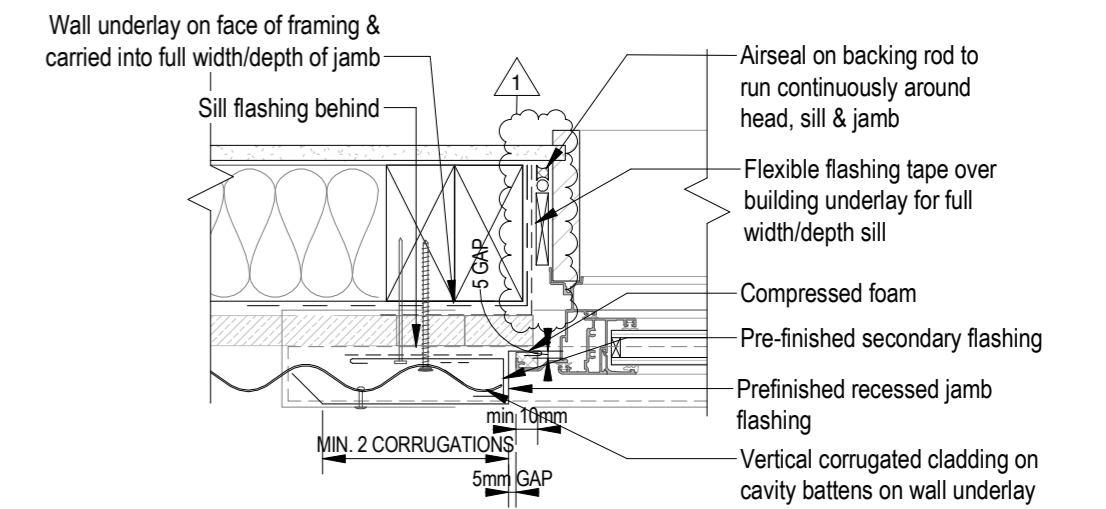
5 Corrugate Base on Nib Detail
Scale 1:5



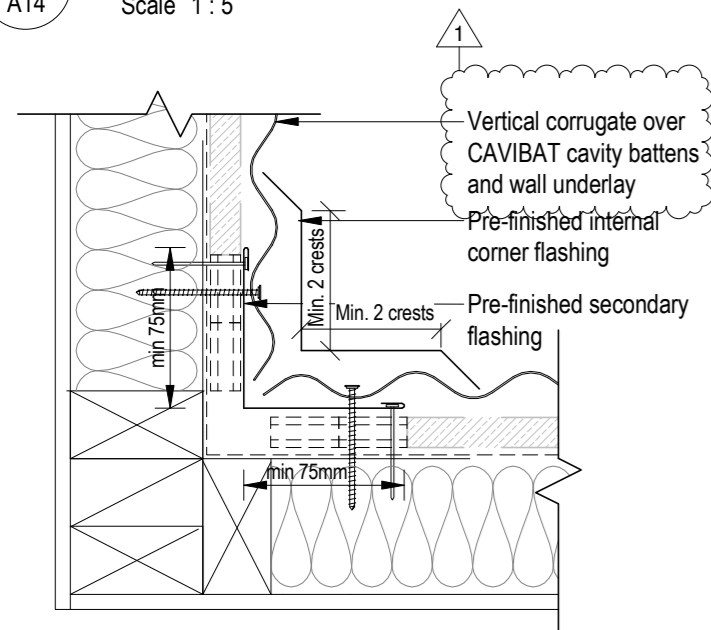
6 Corrugate Base Detail
Scale 1:5



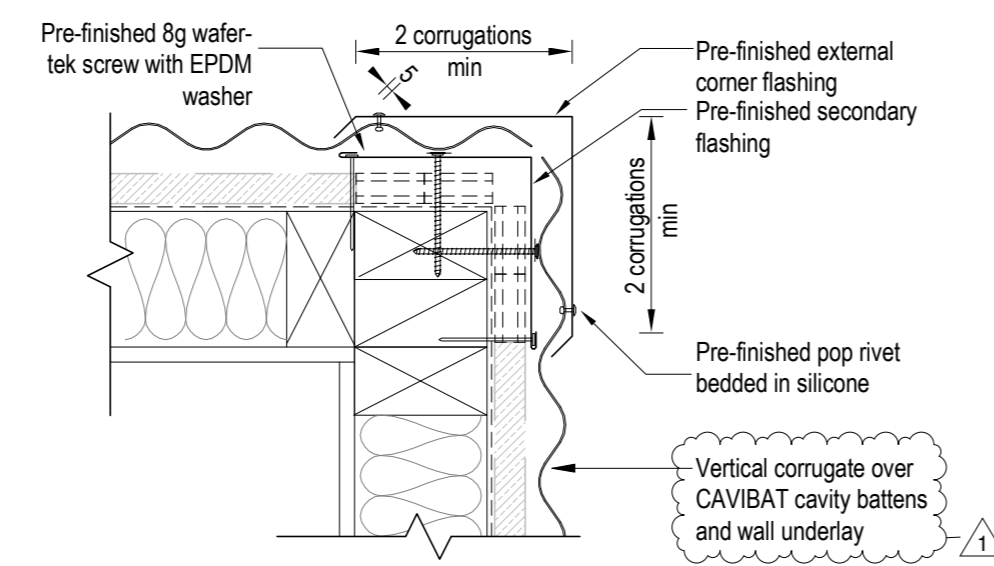
7 Corrugate Window Head Detail
Scale 1:5



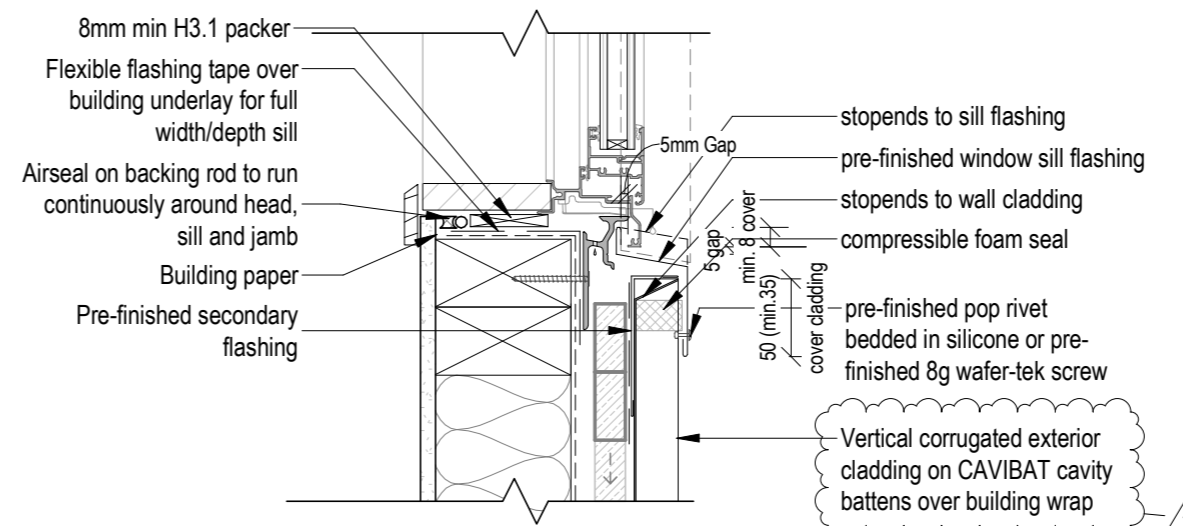
8 Corrugate Window Jamb Detail
Scale 1:5



9 Corrugate Internal corner detail
Scale 1:5



10 Corrugate External Corner Detail
Scale 1:5



11 Corrugate Window Sill Detail
Scale 1:5

Do not scale from this drawing.
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REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

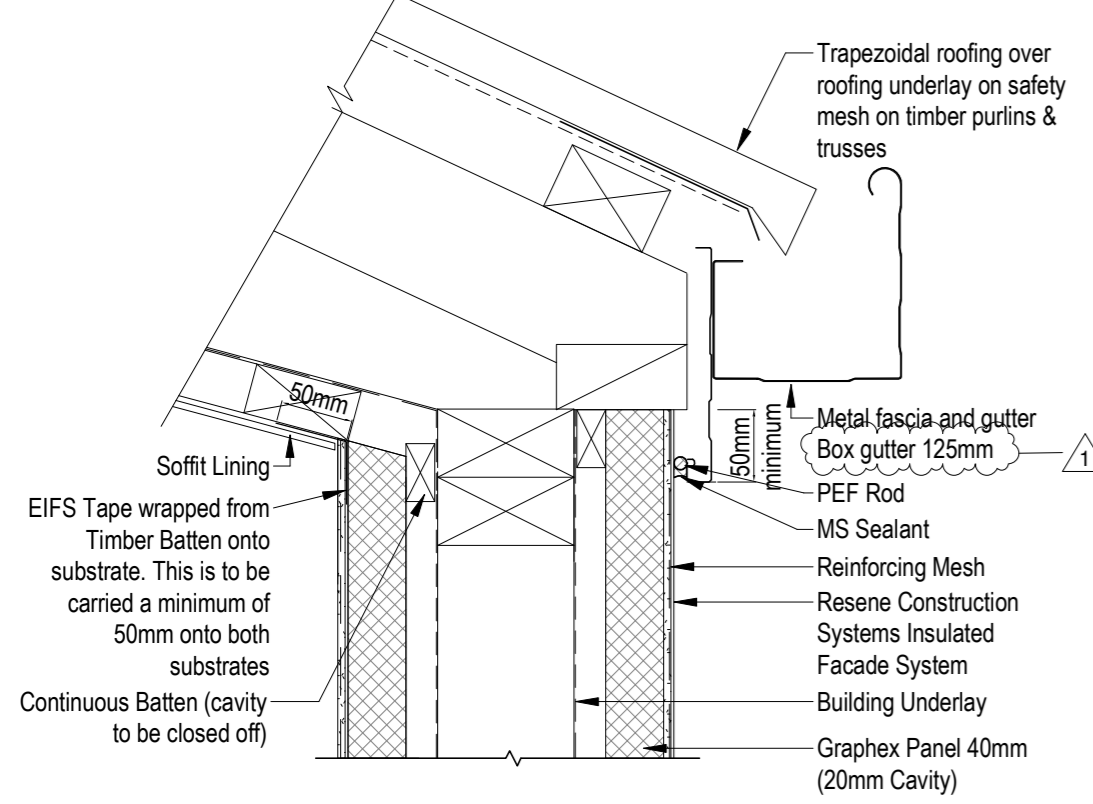
Marlborough District Council
Date Received: 26/2/2021

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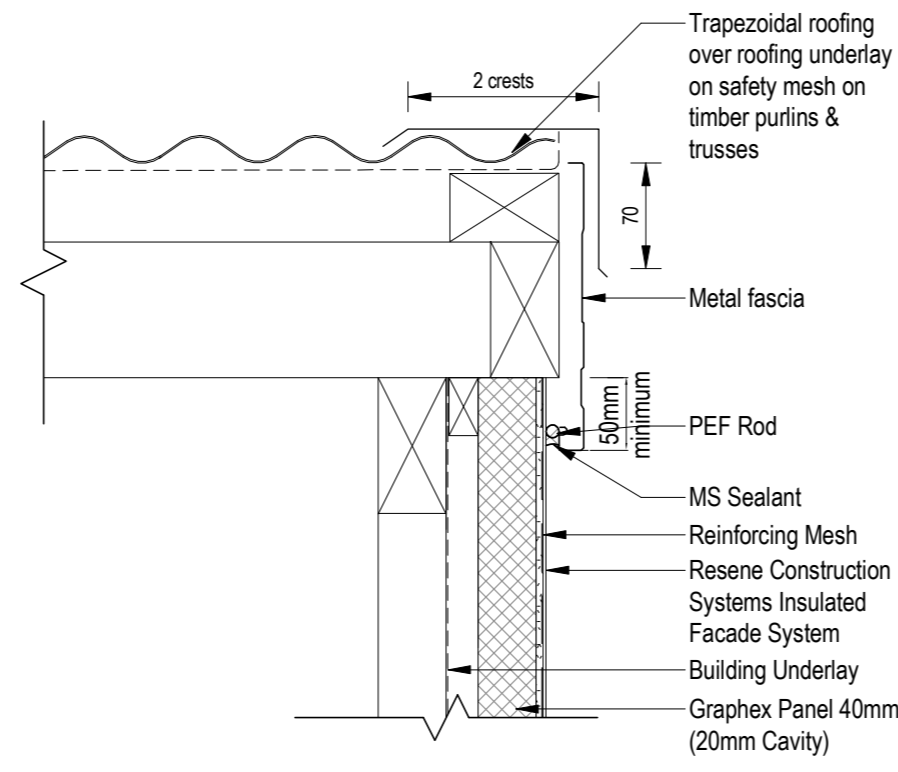
PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Corrugate Details
ORIGIN DATE

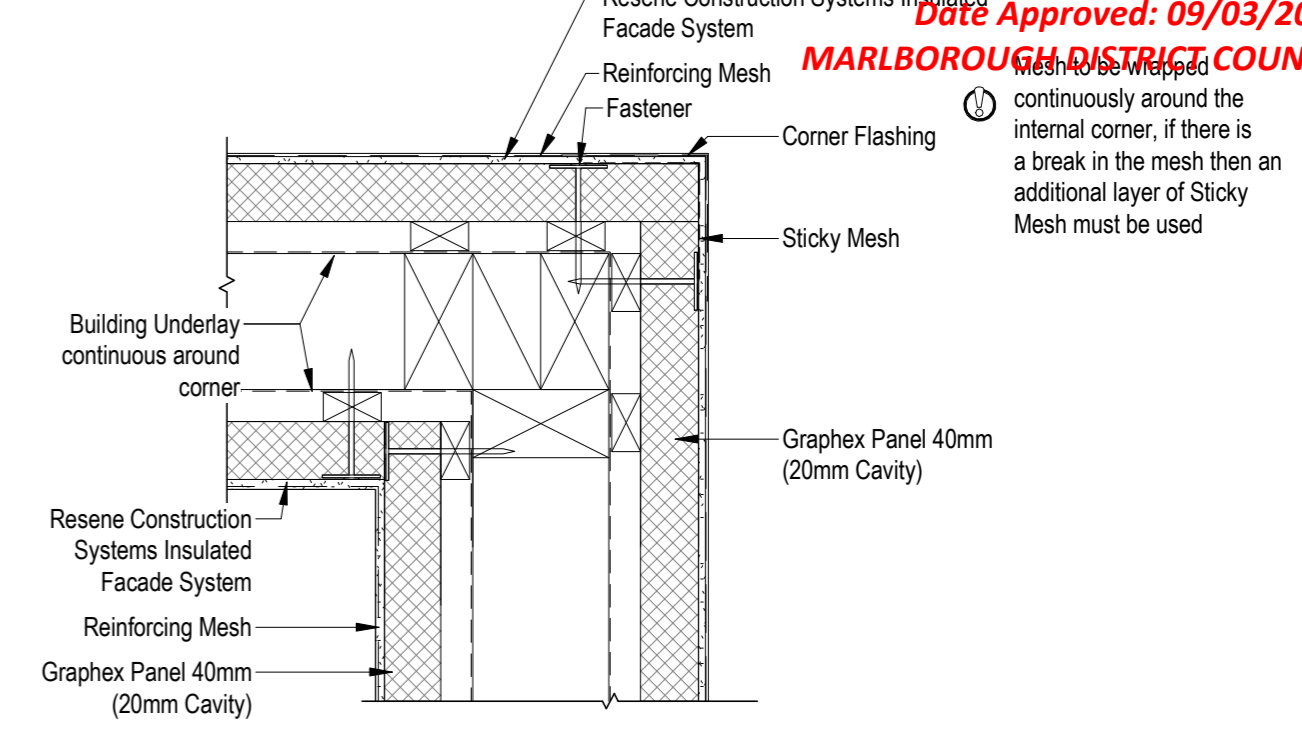
STATUS	
BUILDING CONSENT	
DESIGNED	SCALE (A2)
SH	1:5
DRAWN	REVISION DATE
SH	26-02-21
APPROVED	DWG NO.
DWN	6433-A14
	REVISION
	1



1 Plaster Eave Detail
Scale 1:5

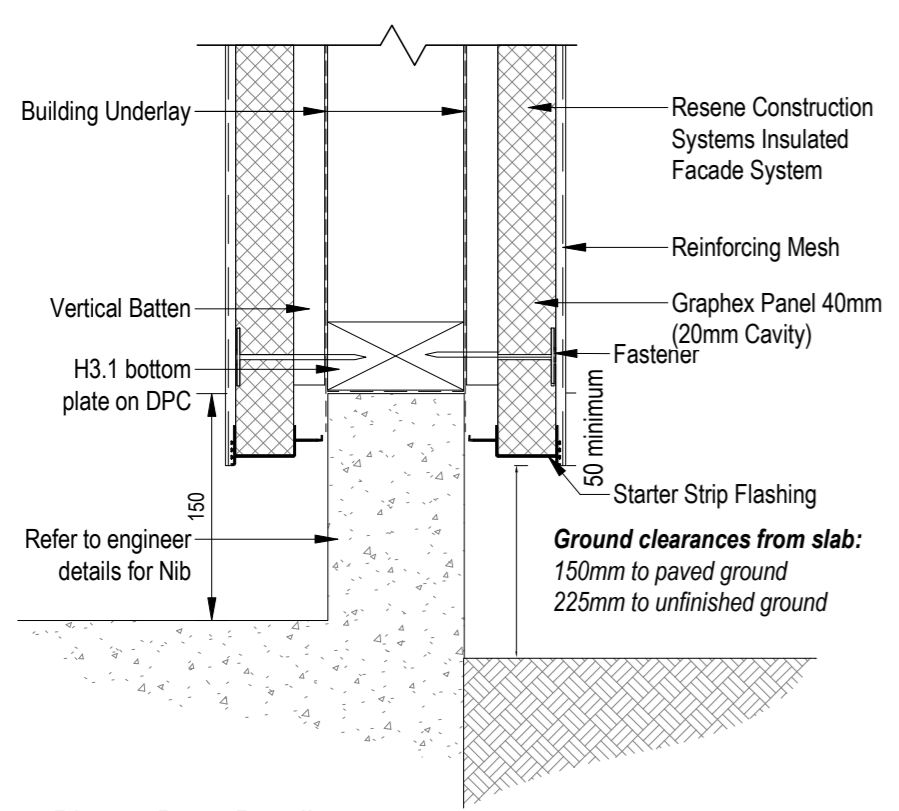


2 Plaster Barge Detail
Scale 1:5



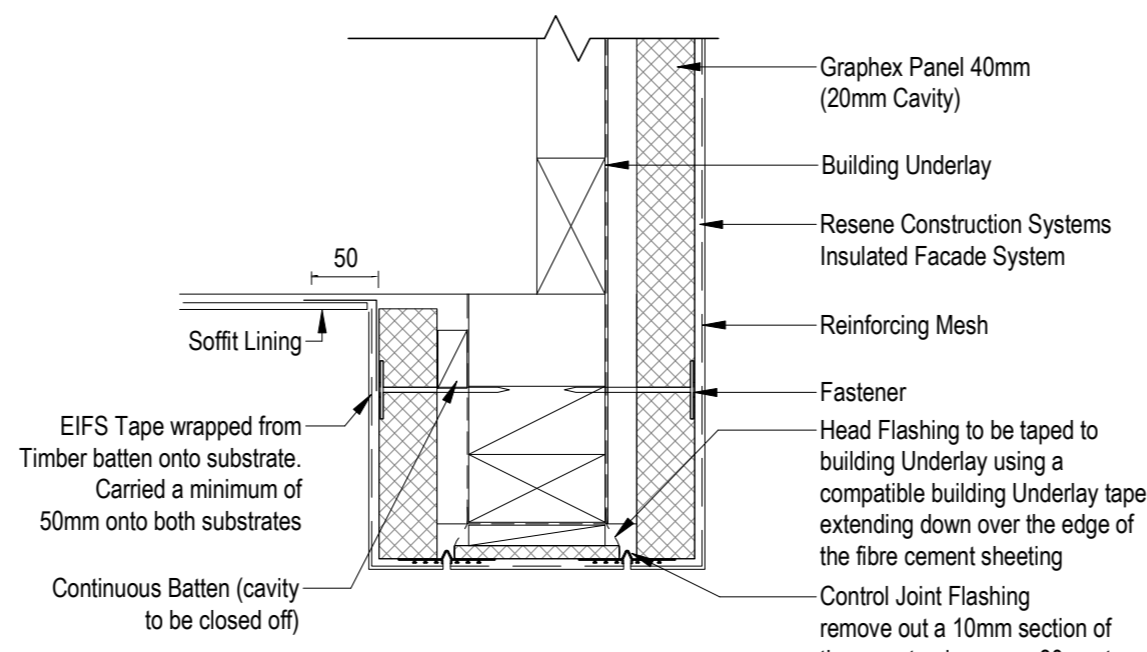
3 Plaster Int/Ext Corner Detail
Scale 1:5

Mesh to be wrapped continuously around the internal corner, if there is a break in the mesh then an additional layer of Sticky Mesh must be used

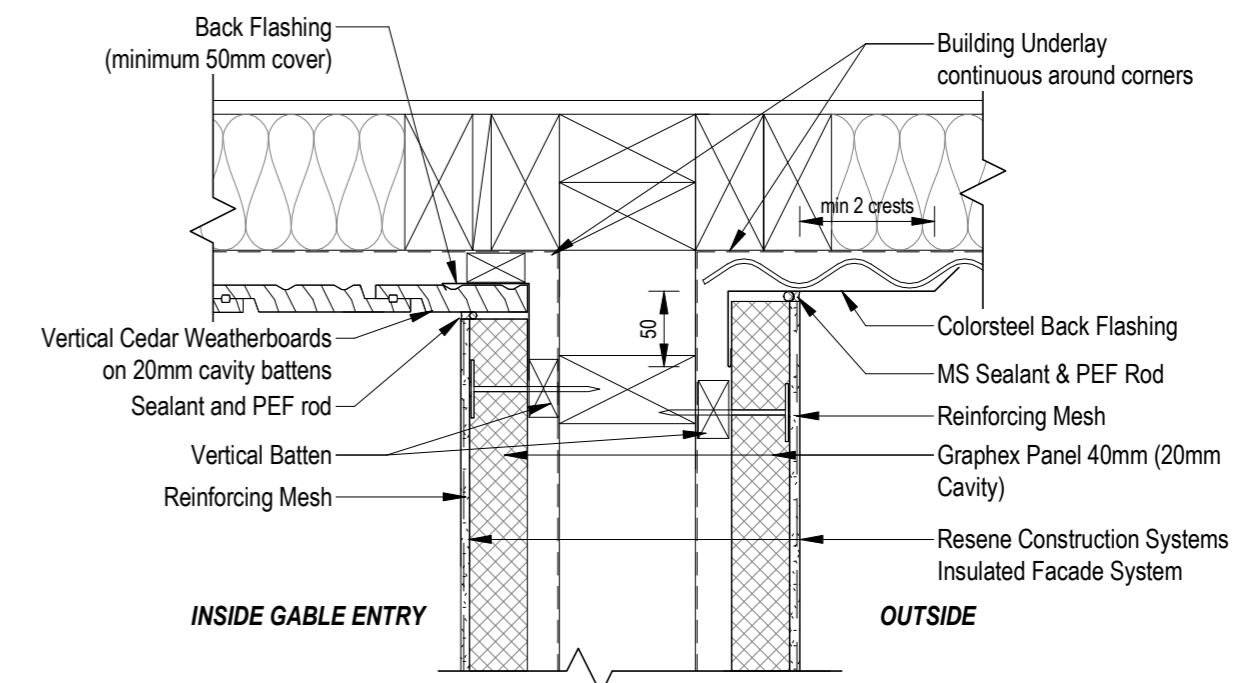


4 Plaster Base Detail
Scale 1:5

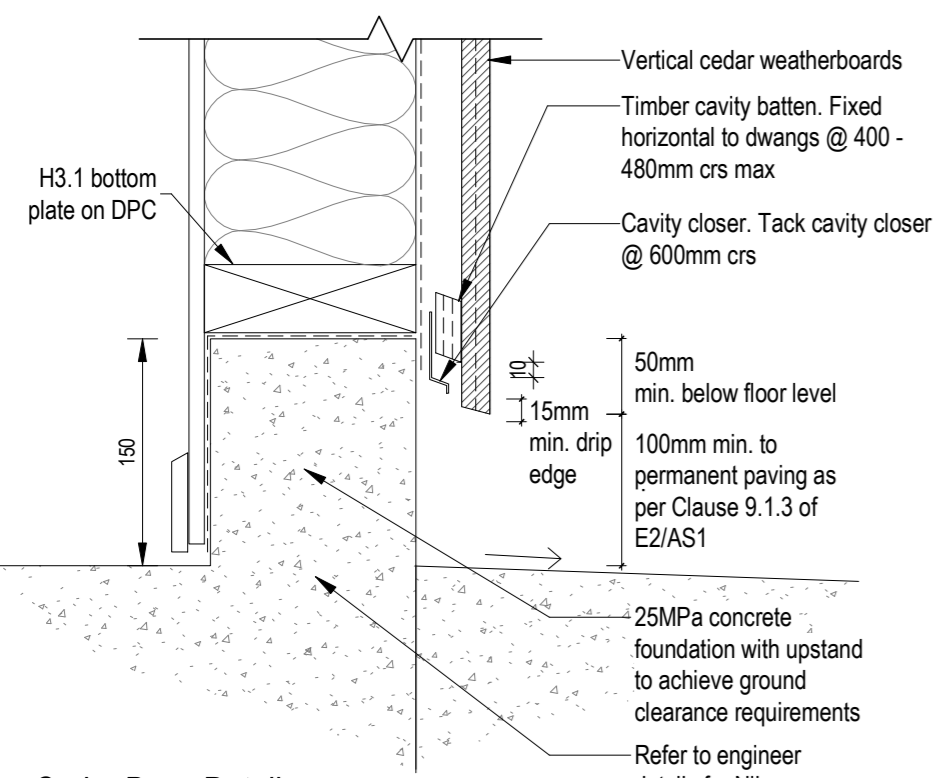
Universal Starter Strip can be used in place of the Clip-On Starter Strip where preferred



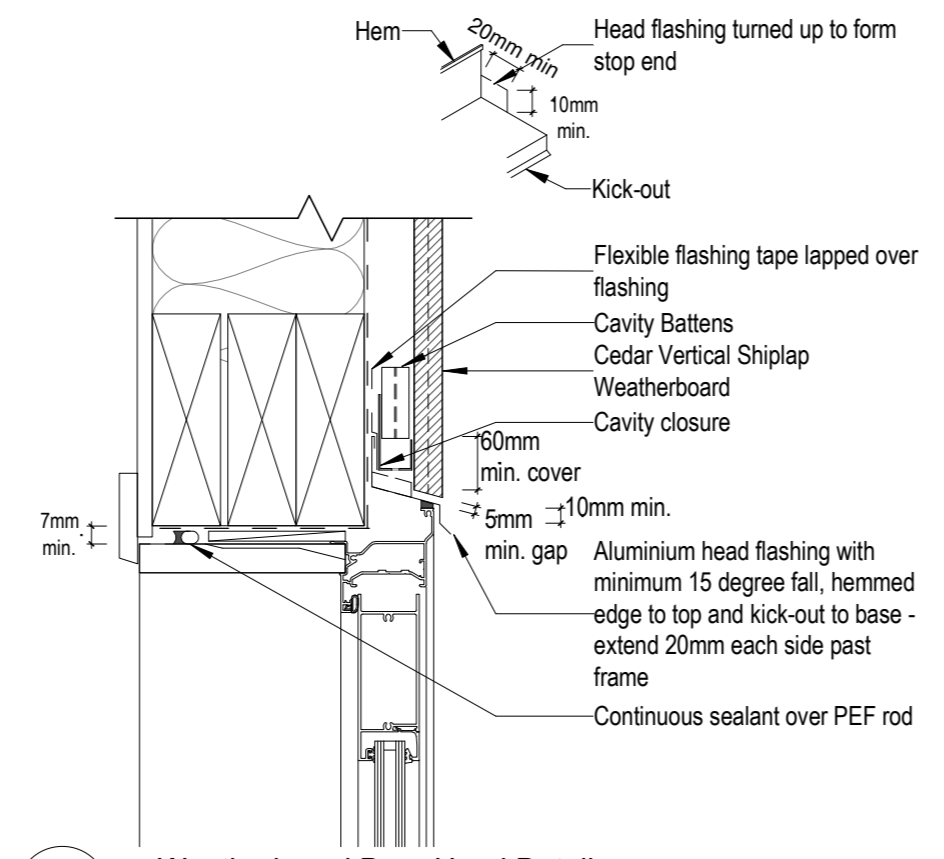
5 Plaster Gable Arch Soffit Detail
Scale 1:5



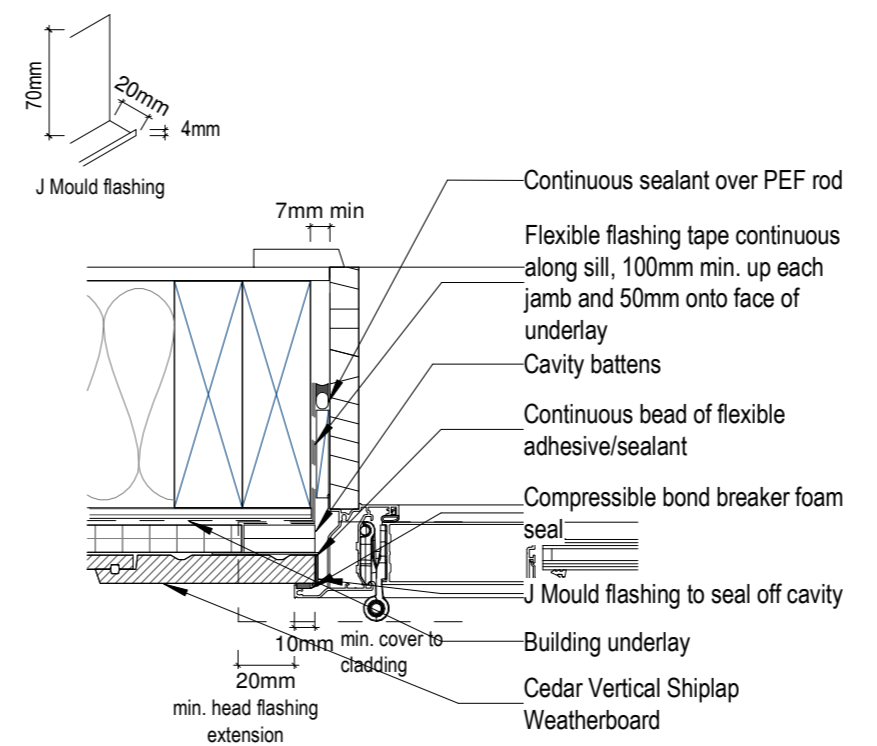
6 Wbd/Plaster/Corrugate Internal/External Corner Detail
Scale 1:5



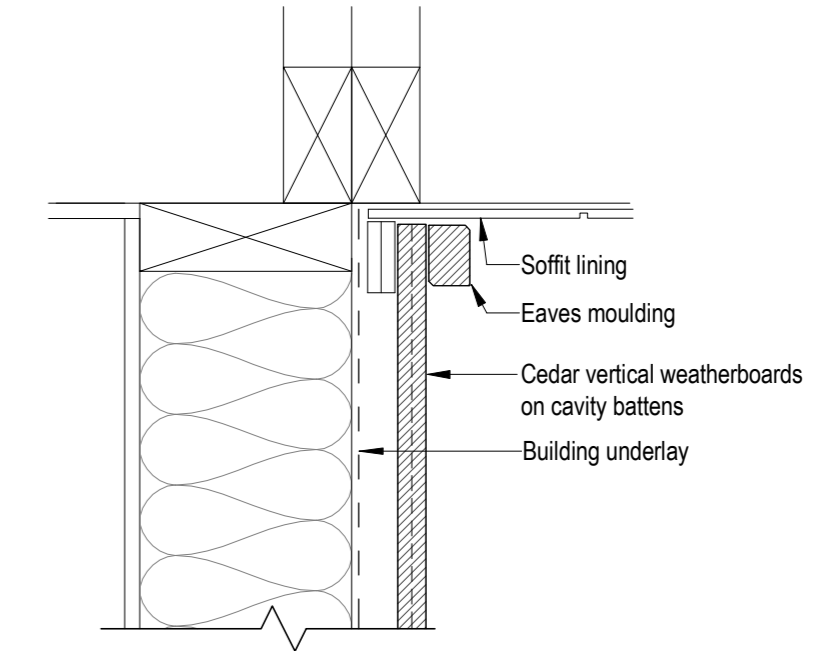
7 Cedar Base Detail
Scale 1:5



8 Weatherboard Door Head Detail
Scale 1:5



9 Weatherboard Door Jamb Detail
Scale 1:5



10 Weatherboard Eaves Detail
Scale 1:5

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REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

Marlborough District Council
Date Received: 26/2/2021

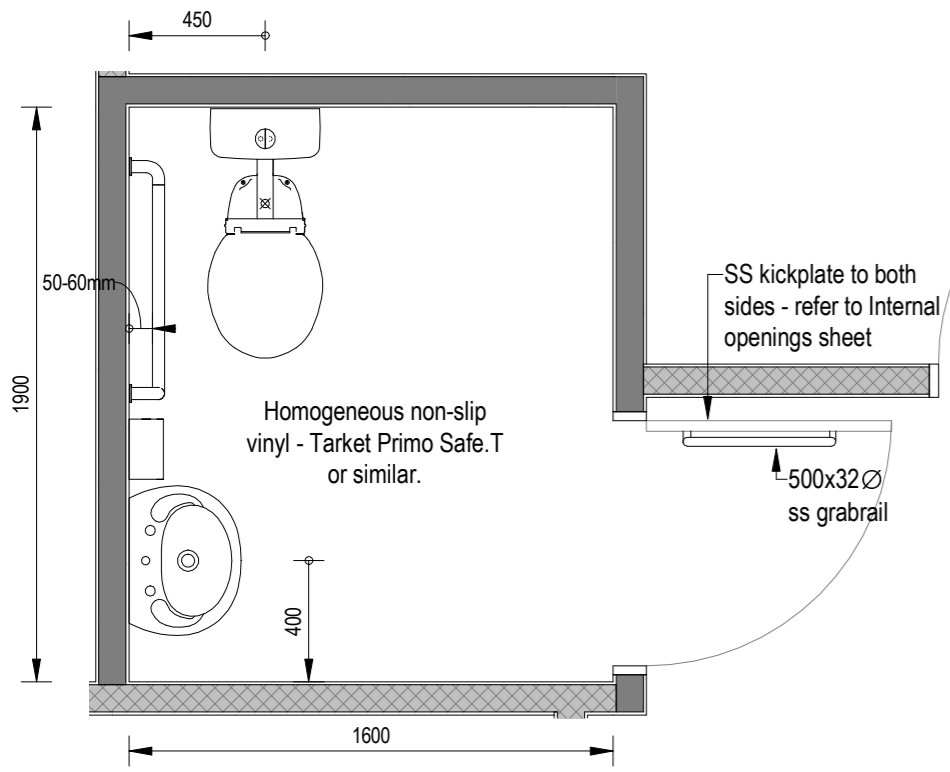
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PROJECT
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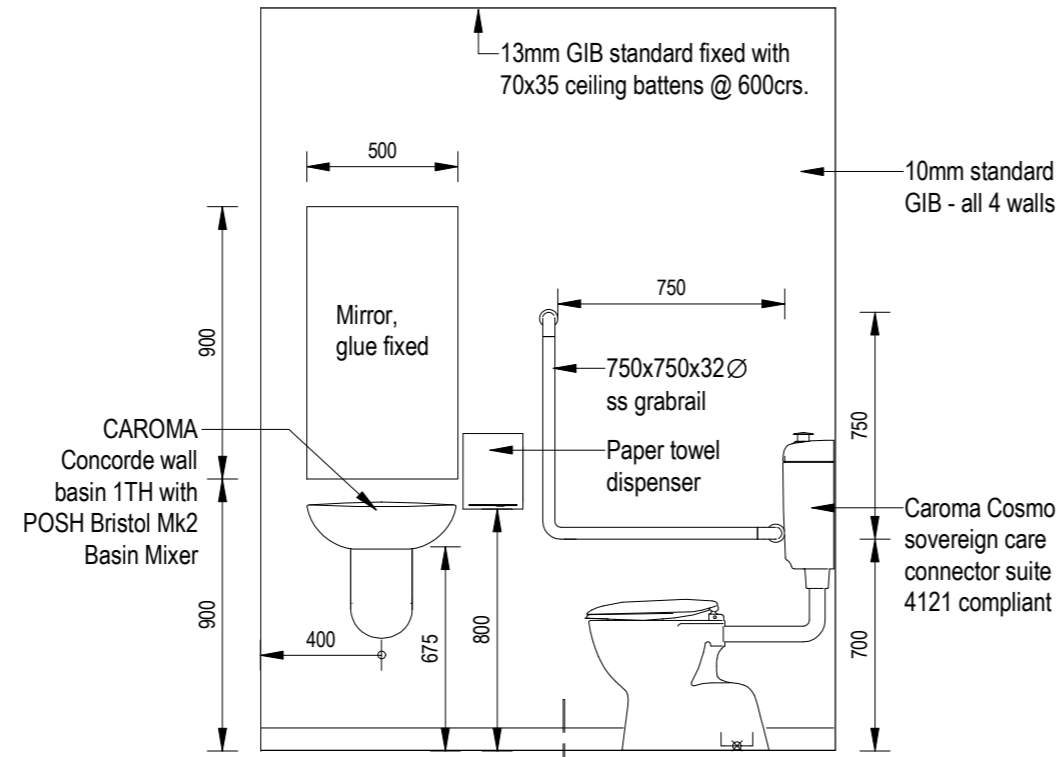
DRAWING
Plaster & Cedar Details
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED	SCALE (A2)
SH	1:5
DRAWN	REVISION DATE
SH	26-02-21
APPROVED	DWG NO.
DWN	6433-A15
	REVISION
	1

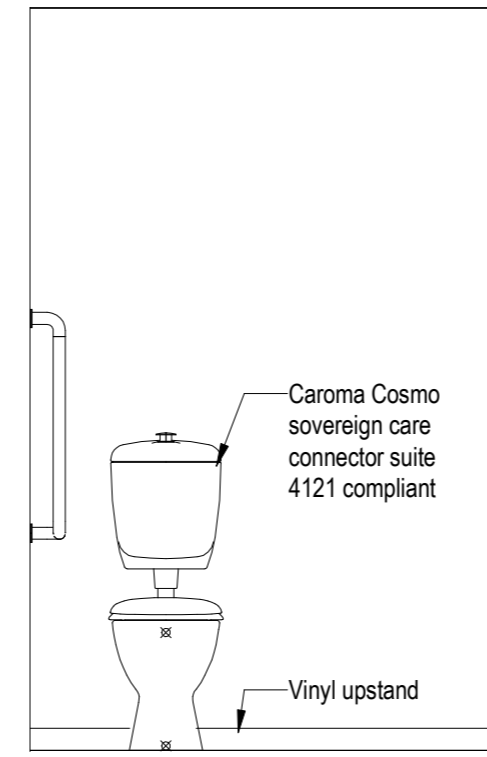
- INTERIOR LINING NOTES:**
- Interior wall linings to be 10mm GIB (unless otherwise specified) - Refer Bracing Schedule and plan for locations for brace elements and associated fixings.
 - Bathrooms to be 10mm GIB Aqualine to walls with 13mm GIB ceiling linings, fixed to 70x35 ceiling battens @ 600crs.
 - Accessible bathrooms (with showers) to be 4.5mm Seratone with PVC jointers over framing. Ceiling linings to be 13mm GIB Aqualine fixed to 70x35 ceiling battens @ 600crs.
 - Raked freespace areas ceilings to have be 12mm ECOPLY Grooved Plywood lining. Painted with DULUX Fireshield TimberClear 1FR (1-S Group No).
 - Flat ceilings to be 13mm GIB Standard. All ceilings to be fixed with 70x35 ceiling battens @ 600crs.
 - All GIB to be square stopped.
 - 40mm x 10mm Pine Architraves to openings
 - 60mm beveled finger jointed pine skirtings.
 - All paint to adhere to section 5.2 in the Fire report and to be low VOC.
 - Autex to walls in both Playcentre and AELC 'freespace' areas



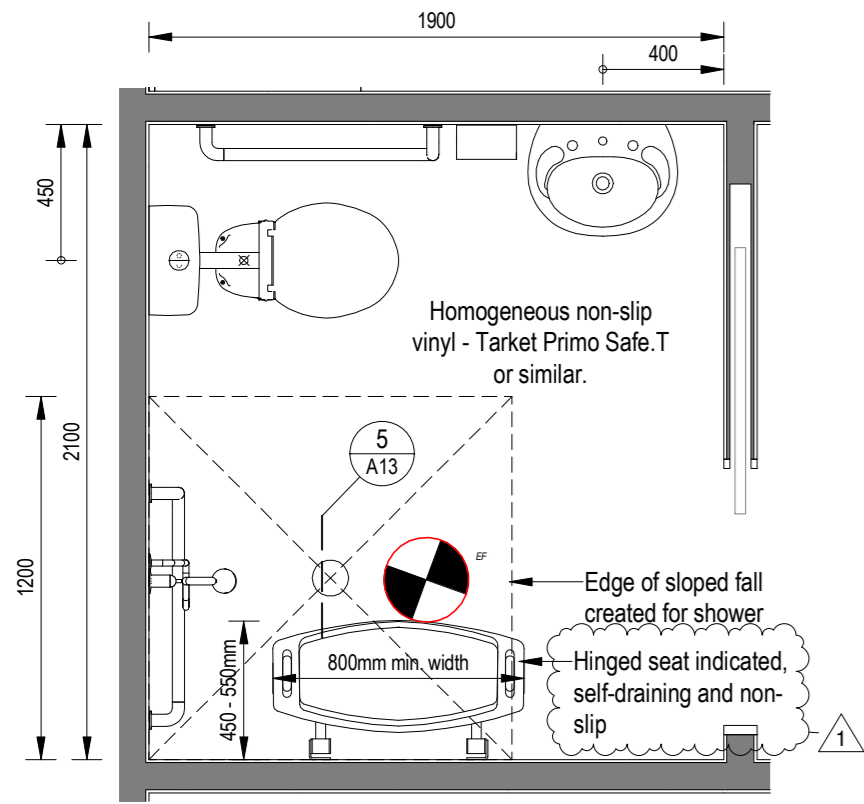
1 Clinic Acc WC plan
Scale 1:25



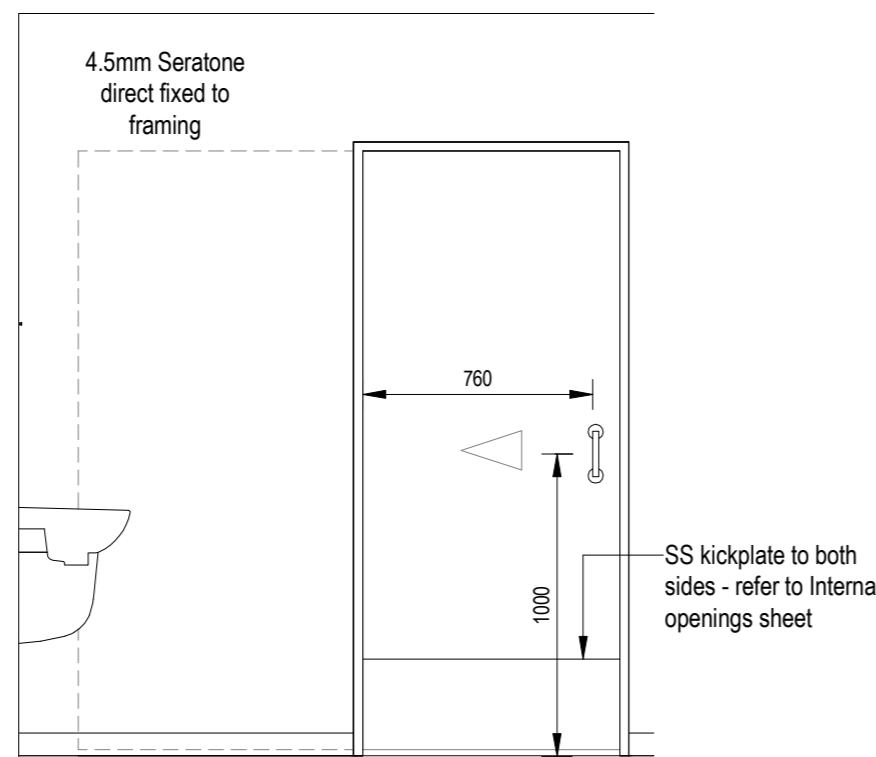
2 Clinic Acc WC - A
Scale 1:25



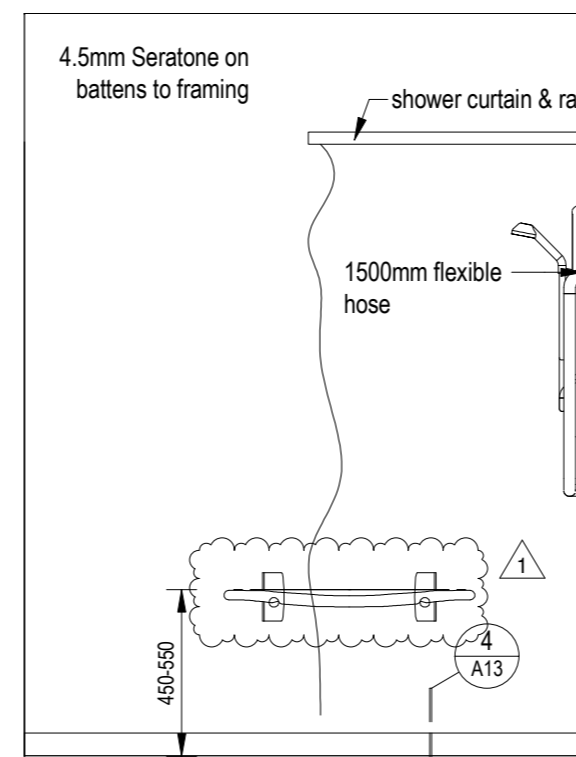
3 Clinic Acc WC - B
Scale 1:25



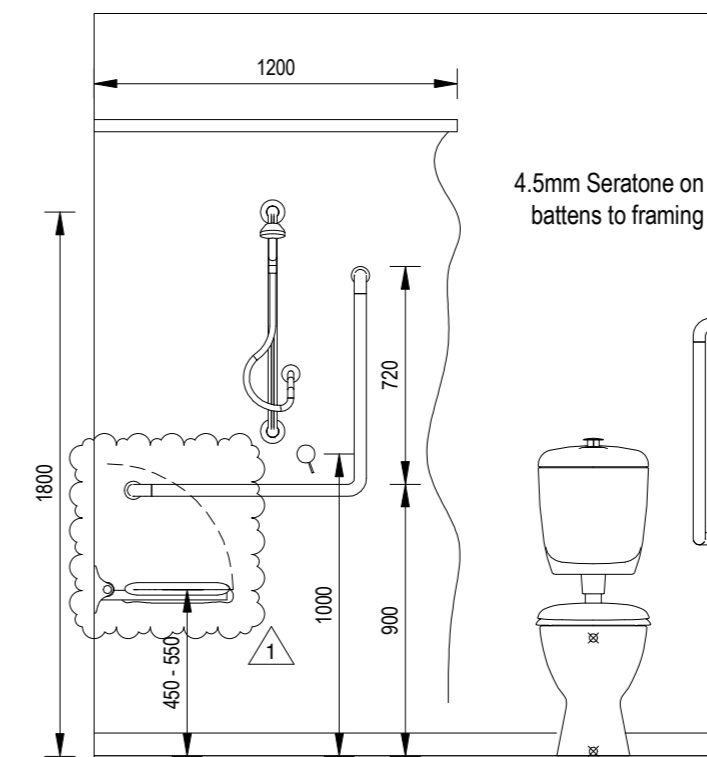
4 AELC Acc WC plan
Scale 1:25



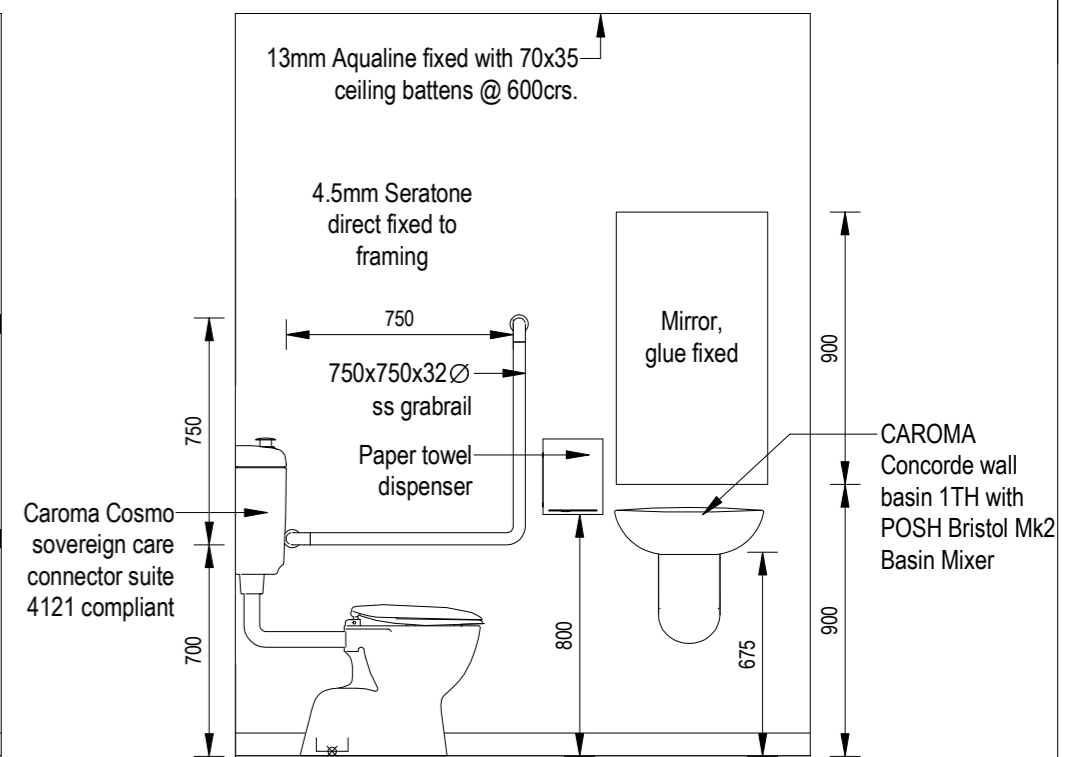
5 AELC Acc WC - A
Scale 1:25



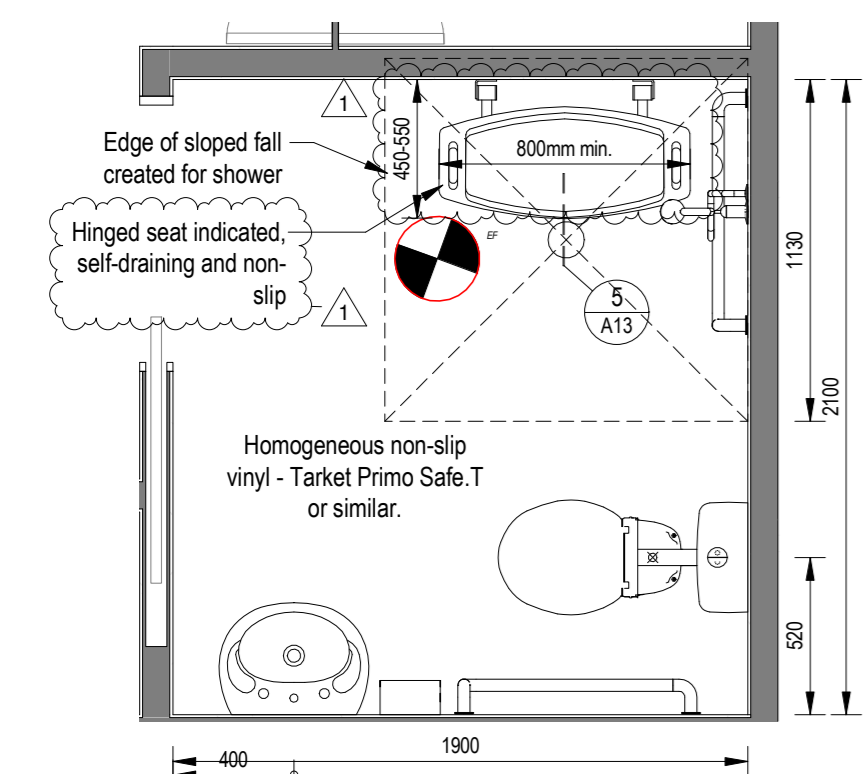
6 AELC Acc WC - B
Scale 1:25



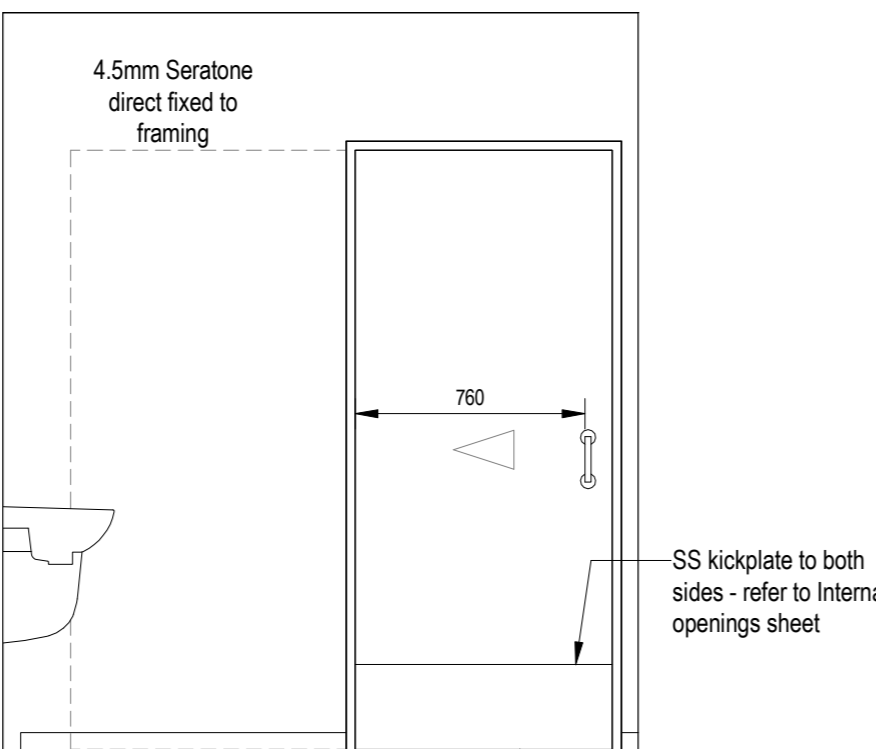
7 AELC Acc WC - C
Scale 1:25



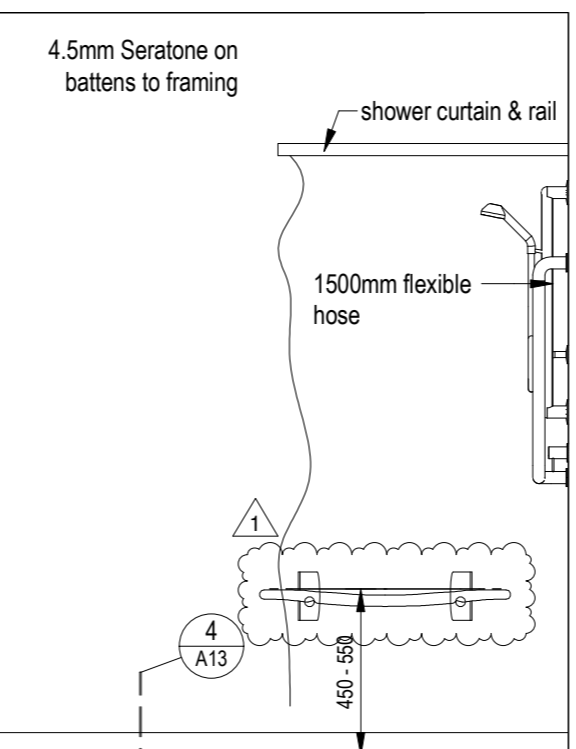
8 AELC Acc WC - D
Scale 1:25



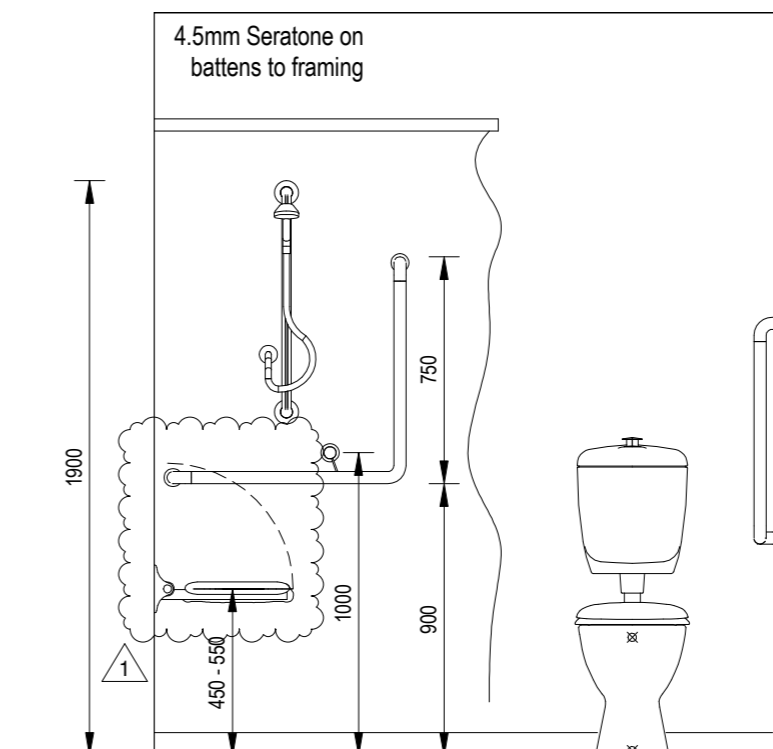
9 Playcentre Acc WC plan
Scale 1:25



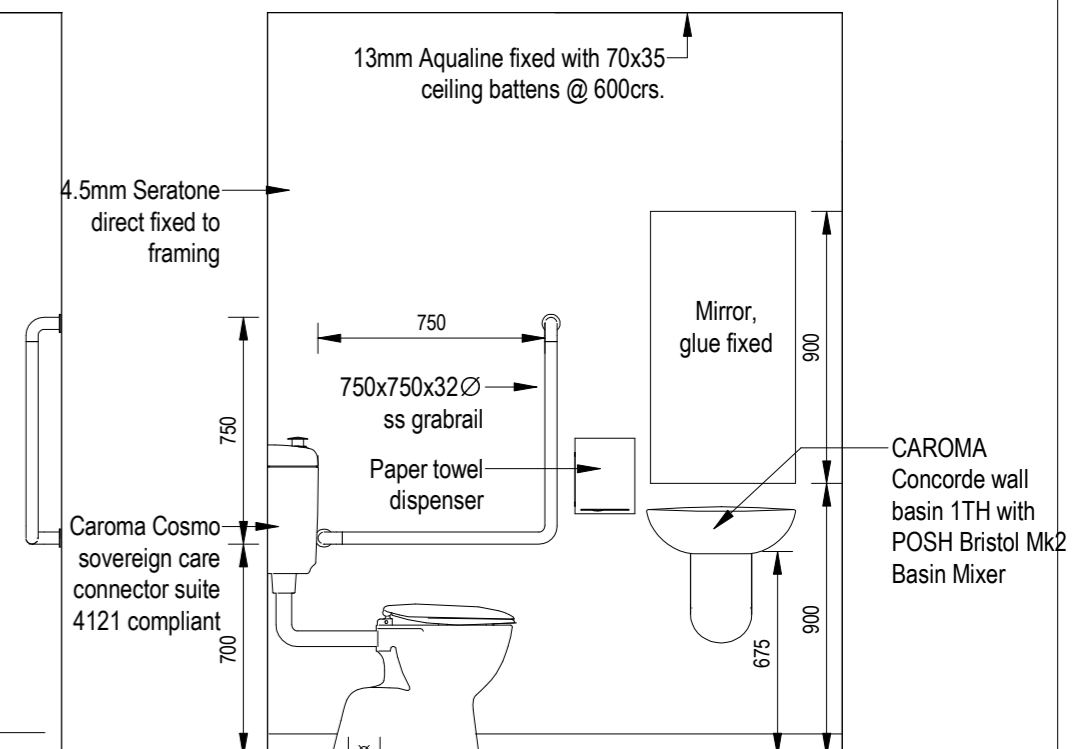
10 Playcentre Acc WC - A
Scale 1:25



11 Playcentre Acc WC - B
Scale 1:25



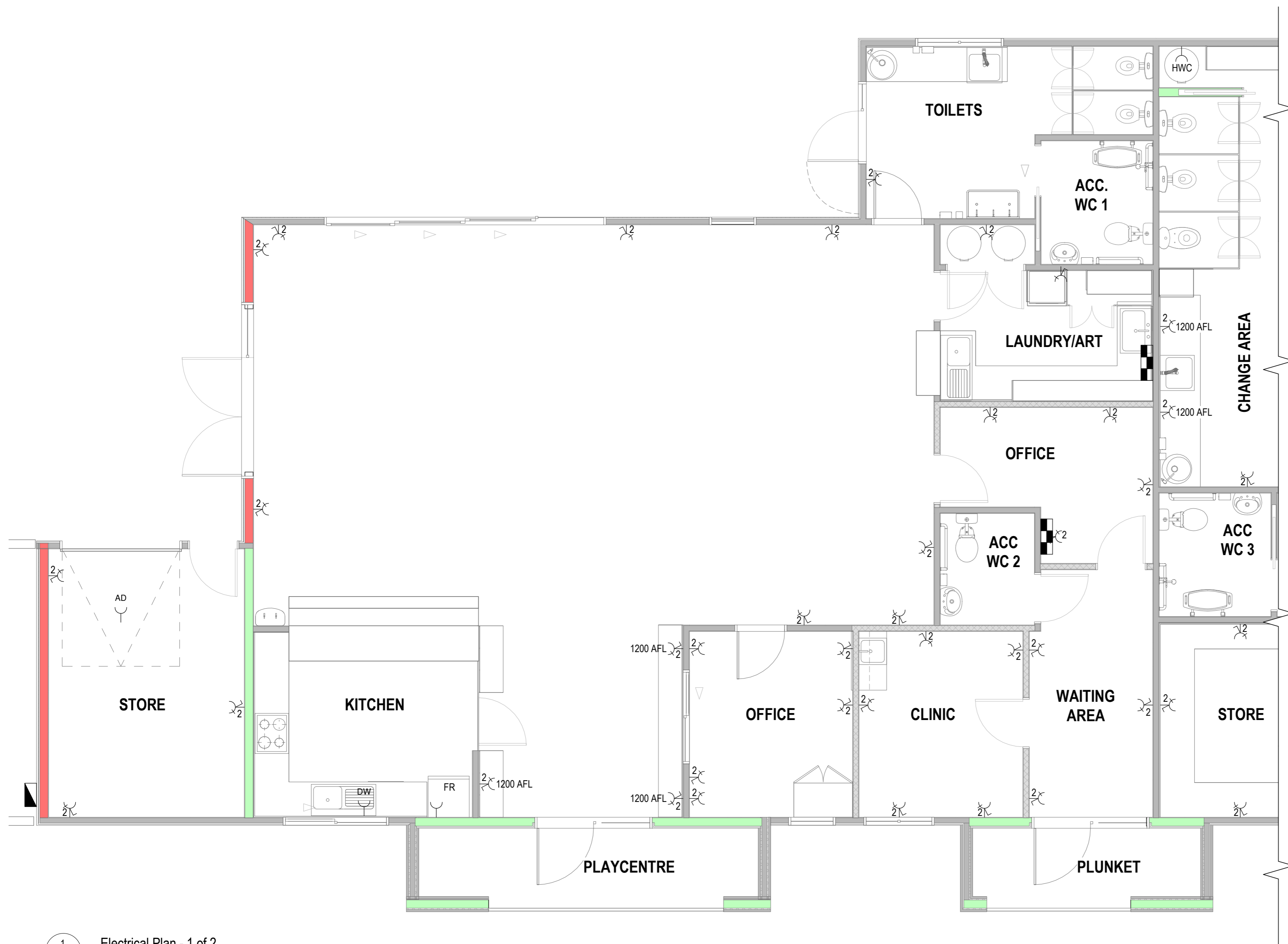
12 Playcentre Acc WC - C
Scale 1:25



13 Playcentre Acc WC - D
Scale 1:25

Do not scale from this drawing. Verify all dimensions on site prior to construction.

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision



ELECTRICAL LEGEND:

- EF Extractor fan connected to light switch. Duct through roof space to exterior.
- Meterbox
- Main Distribution Board
- Permanent connection.
- Permanent connection switched.
- 3 Phase permanent connection switched.
- Unswitched single socket outlet
- Single switched socket outlet
- Multi switched socket outlet, n = No. of outlets 500mm above FFL unless noted.
- 3 Phase single switched socket outlet
- IP56 rated single switched socket outlet
- IP56 rated 3 Phase single switched socket outlet
- Single Data outlets
- Multi data outlets, n = No. of outlets.
- Recessed floor box - 4 x socket outlets, 4 x data outlets
- Push-button XXX
- Push-button (illuminated)
- Push-button

1
A17 Electrical Plan - 1 of 2
Scale 1 : 50

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

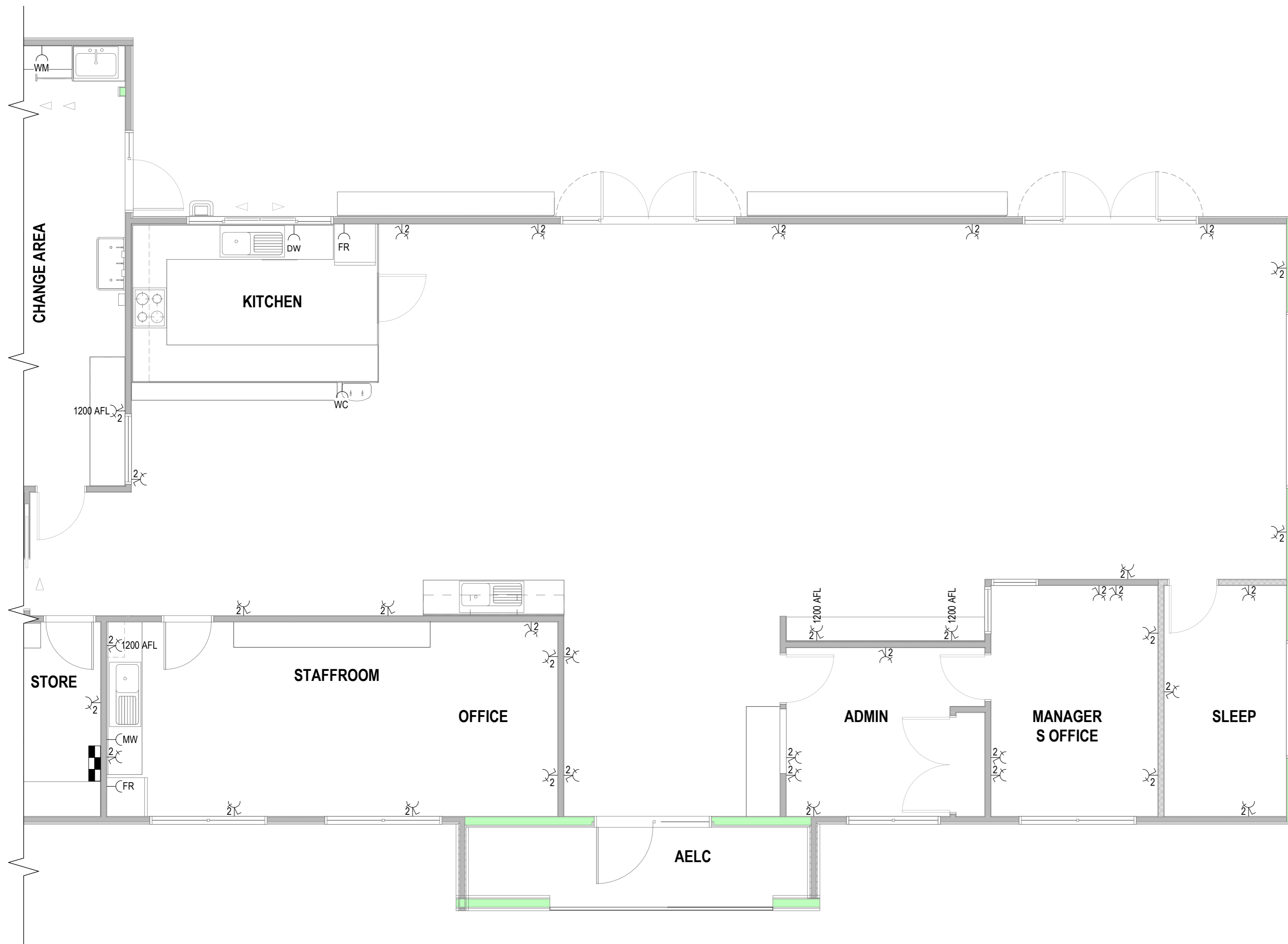
REV	DATE	DESCRIPTION
0	17-01-21	Building Consent

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Electrical Plan - 1 of 2
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED	SCALE (A2)
-	As indicated
DRAWN	REVISION DATE
DM	17-01-21
APPROVED	DWG NO.
SM	6433-A17
	REVISION
	0



ELECTRICAL LEGEND:

	Extractor fan connected to light switch. Duct through roof space to exterior.
	Meterbox
	Main Distribution Board
	Permanent connection.
	Permanent connection switched.
	3 Phase permanent connection switched.
	Unswitched single socket outlet
	Single switched socket outlet
	Multi switched socket outlet, n = No. of outlets 500mm above FFL unless noted.
	3 Phase single switched socket outlet
	IP56 rated single switched socket outlet
	IP56 rated 3 Phase single switched socket outlet
	Single Data outlets
	Multi data outlets, n = No. of outlets.
	Recessed floor box- 4 x socket outlets, 4 x data outlets
	Push-button XXX
	Push-button (illuminated)
	Push-button

1
A18 Electrical Plan - 2 of 2
Scale 1:50

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

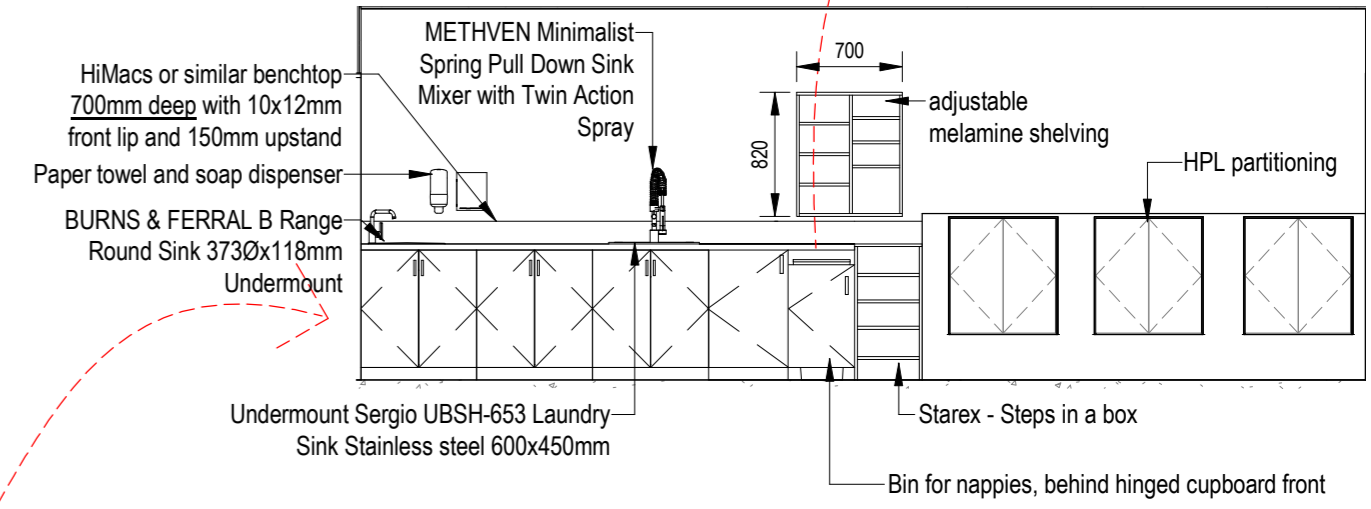
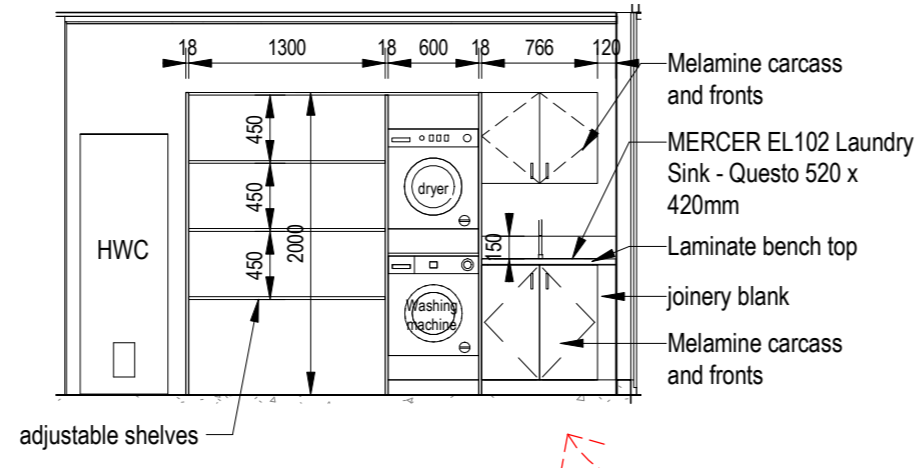
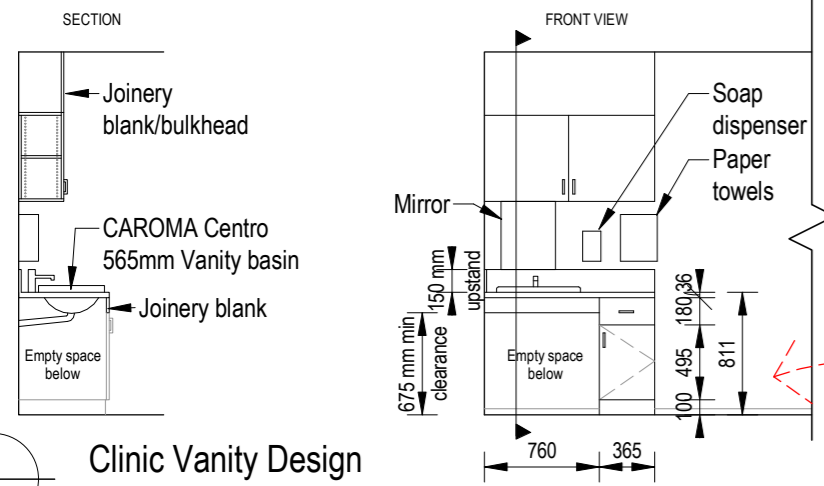
REV	DATE	DESCRIPTION
0	17-01-21	Building Consent

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Electrical Plan - 2 of 2
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED	SCALE (A2)
-	As indicated
DRAWN	REVISION DATE
DM	17-01-21
APPROVED	DWG NO.
SM	6433-A18
	REVISION
	0



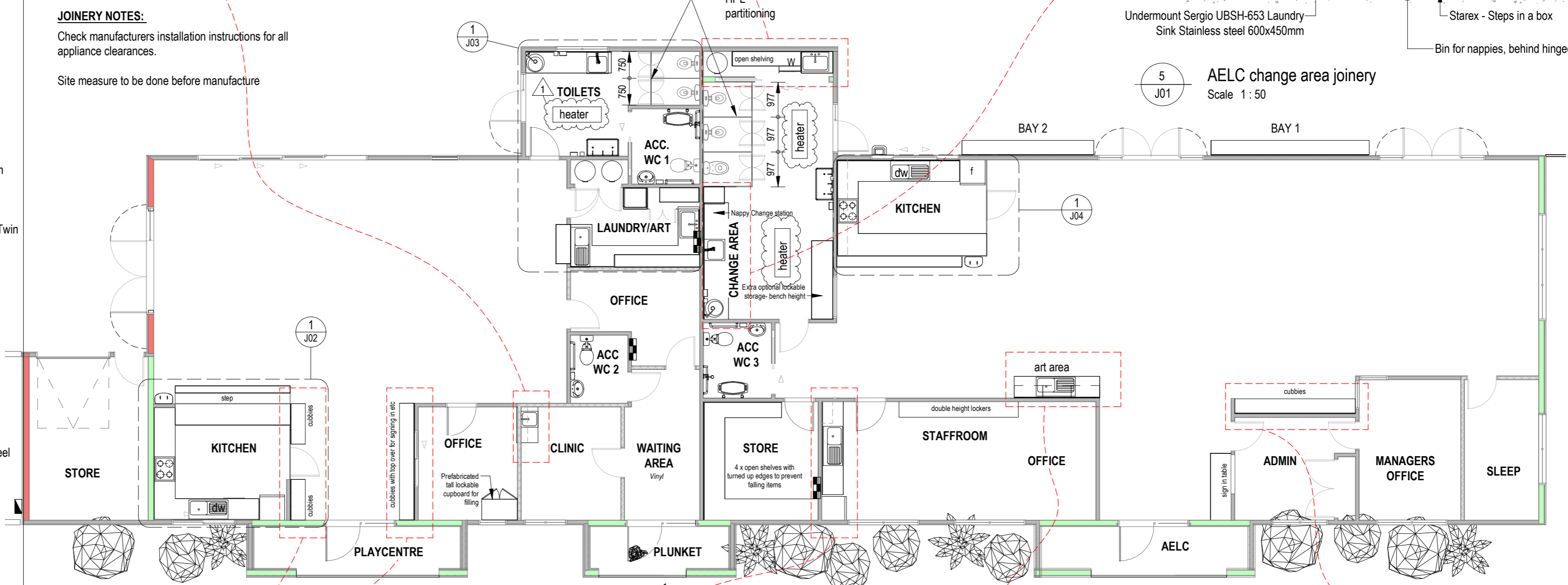
2 Clinic Vanity Design
Scale 1:50

3 AELC laundry elevation
Scale 1:50

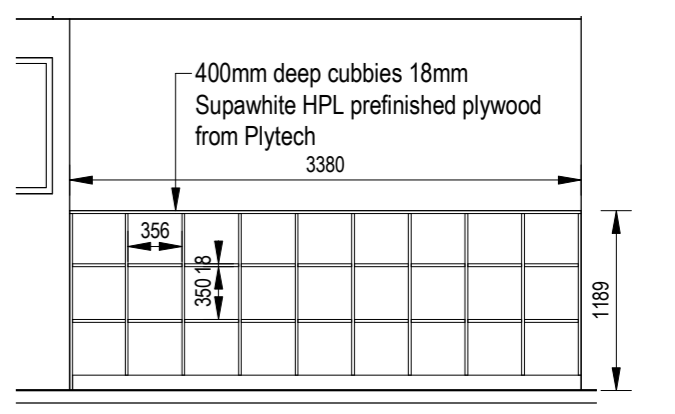
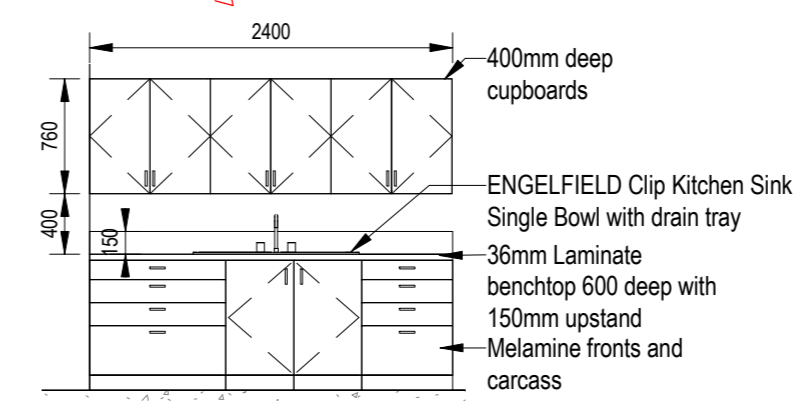
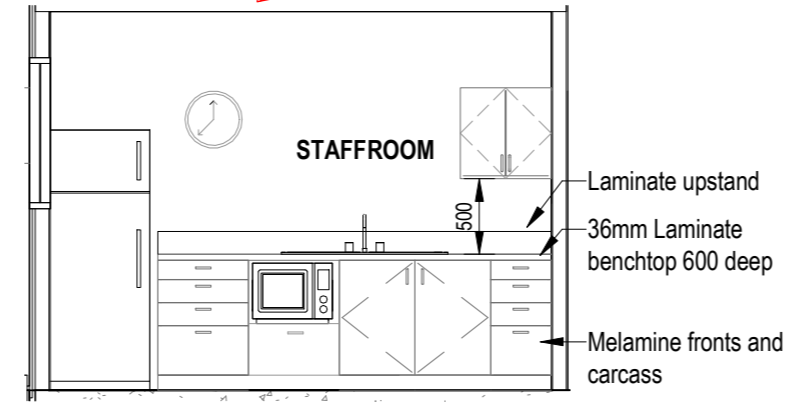
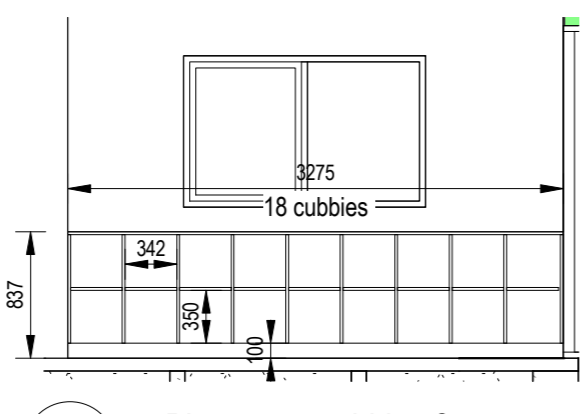
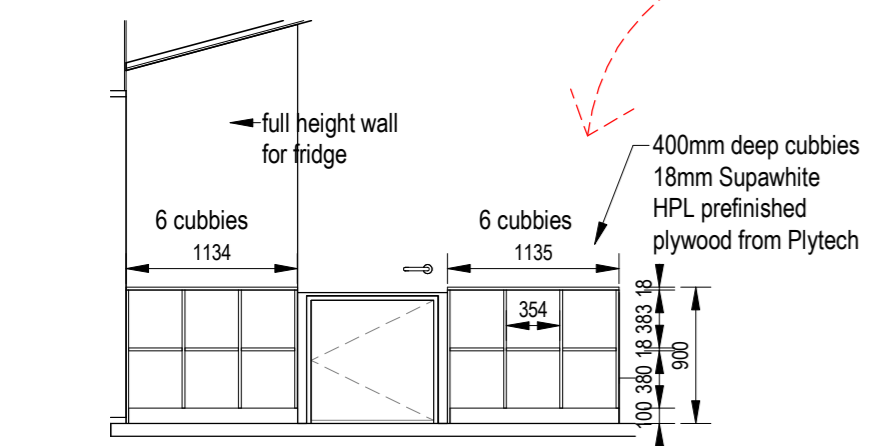
5 AELC change area joinery
Scale 1:50

- SELECTIONS**
- CLINIC**
Basin - CAROMA Centro 565mm vanity basin
Mixer - PROGETTO Buddy Basin Mixer With Medical Lever Handle
- ACCESSIBLE WC 1, 2, 3**
Basin - CAROMA Concorde wall basin 1TH
Mixer - POSH Bristol Mk2 Basin Mixer
Toilet - CAROMA Cosmo sovereign care connector suite
Shower- METHVEN Echo 1 Function slide
Mixer- METHVEN Echo Strata
- AELC & PLAYCENTRE CHANGE AREA**
Handwashing Basin - BURNS & FERRAL B Range Round Sink 373Øx118mm Undermount
Mixer - METHVEN Echo Strata Sink Mixer
Tub/Shub - Sergio UBSh-653 Undermount Stainless steel sink 600x450mm
Mixer- Chrome plated METHVEN Minimalist Spring Pull Down Sink Mixer with Twin Action Spray
- AELC & PLAYCENTRE KITCHEN**
Sink - ENGELFIELD Clip Kitchen Sink Single Bowl with drain tray
Mixer - METHVEN Echo Strata Sink Mixer
Cooktop - BOSCH 60cm Ceramic Cooktop
Oven - BOSCH 60cm Built-In Oven
Rangehood - ROBINHOOD 520mm Integrated Powerpack Rangehood
- AELC STAFFROOM KITCHENETTE & ART AREA**
Sink - ENGELFIELD Clip Kitchen Sink Single Bowl with drain tray
Mixer - METHVEN Echo Strata Sink Mixer
- AELC & PLAYCENTRE TOILETS**
Handwashing trough - ACERO WT Series 900mm Wash Trough stainless steel
Mixers - DELABIE Tempomix 2 time flow mixer
Toilets (child size) - CAROMA Junior 100 toilet suite
Toilets (adult size) - CAROMA Profile 4 Close Coupled Toilet
- PLAYCENTRE LAUNDRY/ART AREA**
Art sink - ENGELFIELD Clip Kitchen Sink Single Bowl with drain tray
Mixer - METHVEN Echo Strata Sink Mixer
Laundry sink - MERCER EL102 Laundry Sink - Questo 520 x 420mm
Mixer - CAROMA Cardinal Retractable Dual Spray
- AELC LAUNDRY**
Laundry sink - MERCER EL102 Laundry Sink - Questo 520 x 420mm
Mixer - CAROMA Cardinal Retractable Dual Spray

JOINERY NOTES:
Check manufacturers installation instructions for all appliance clearances.
Site measure to be done before manufacture



HEATING TO TOILETS
Ceiling mounted ENERGOSTRIP EE10 heater with T60-S thermostat on timer



4 Playcentre cubbies 1
Scale 1:50

5 Playcentre cubbies 2
Scale 1:50

6 AELC Staffroom Joinery Elevation
Scale 1:50

7 AELC Art Area Elevation
Scale 1:50

8 AELC internal cubbies
Scale 1:50

Do not scale from this drawing. Verify all dimensions on site prior to construction.

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

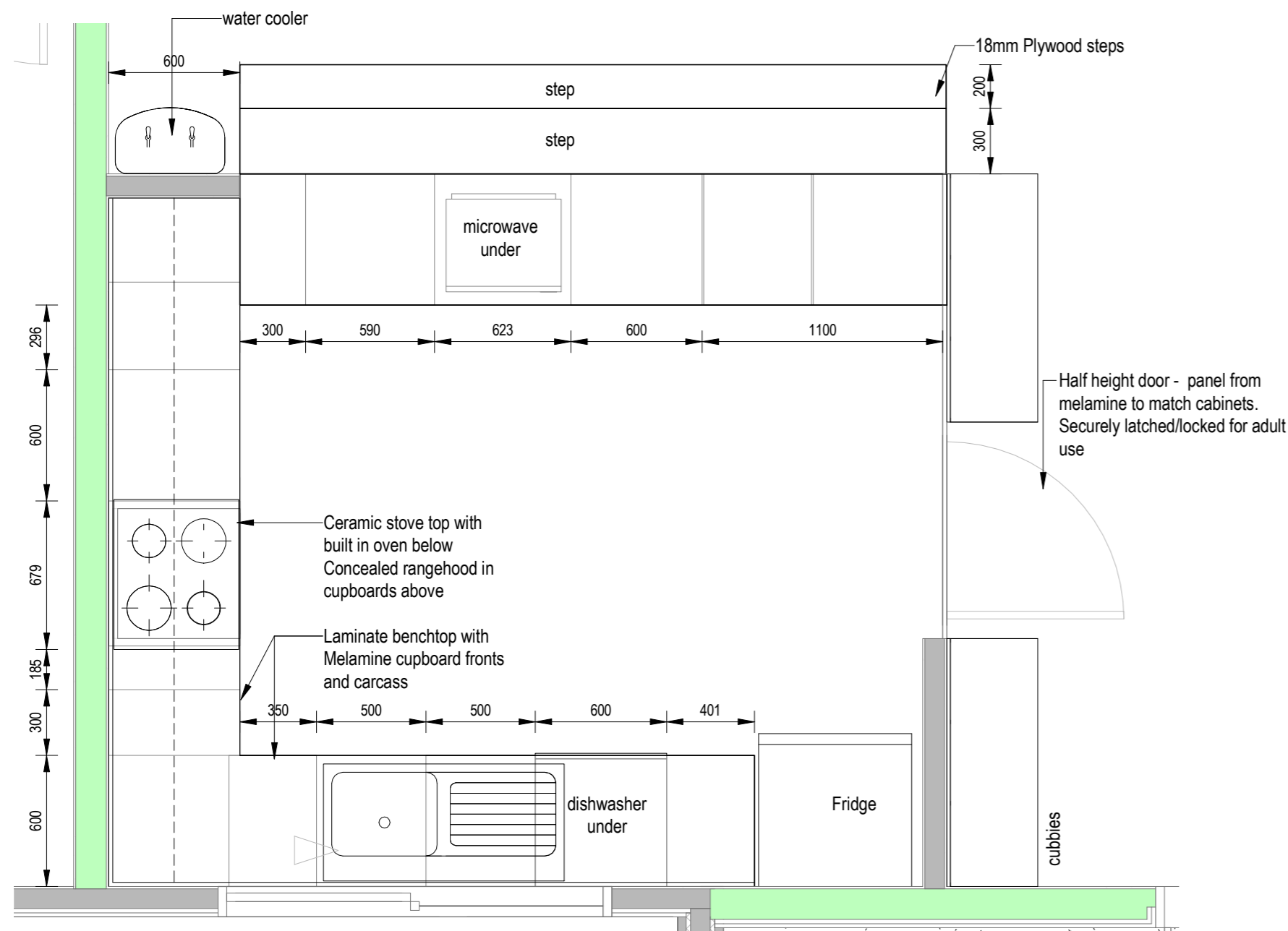
Marlborough District Council
Date Received: 26/2/2021

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

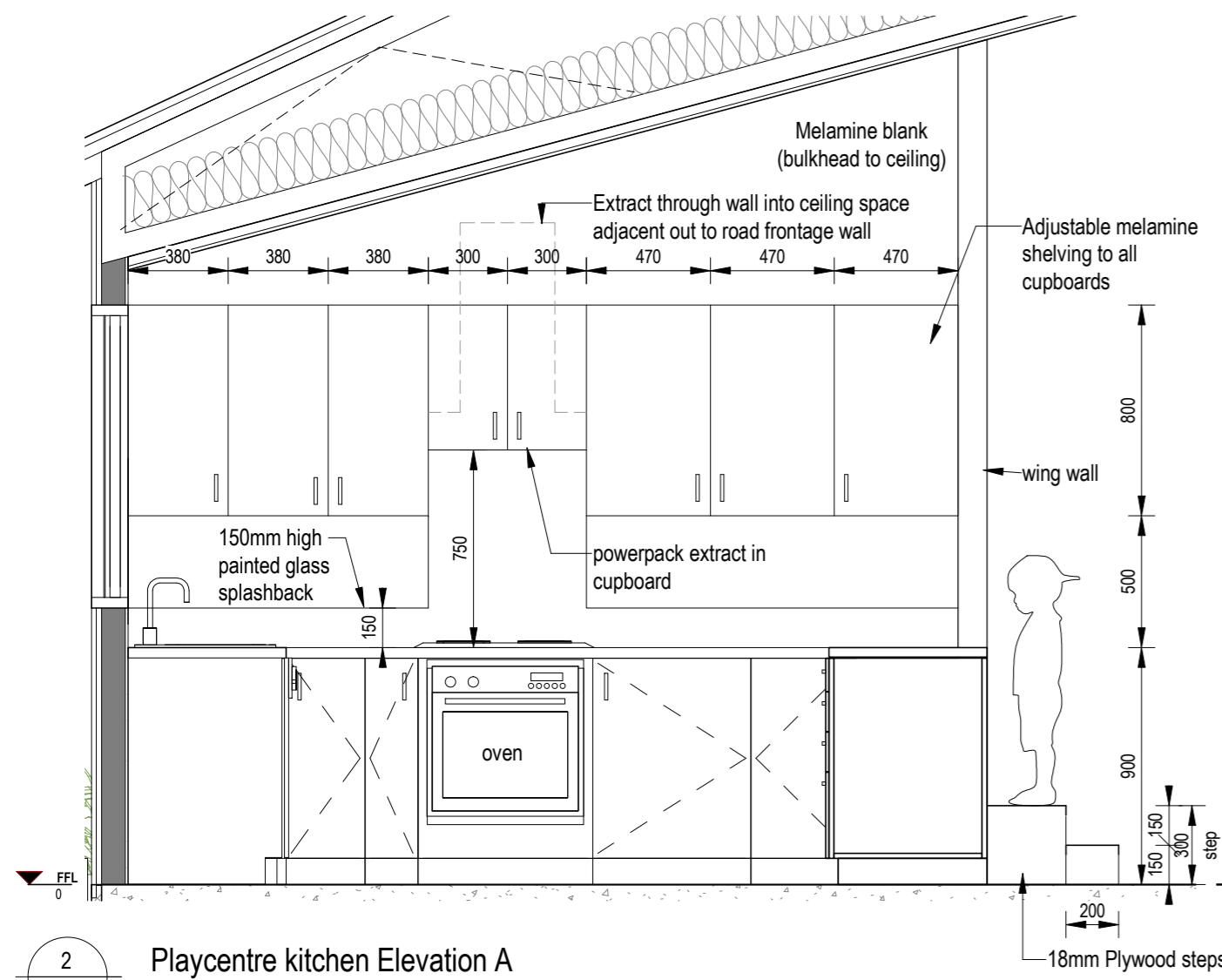
DRAWING
Joinery Design Plan & Elevations
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-J01
	REVISION 1

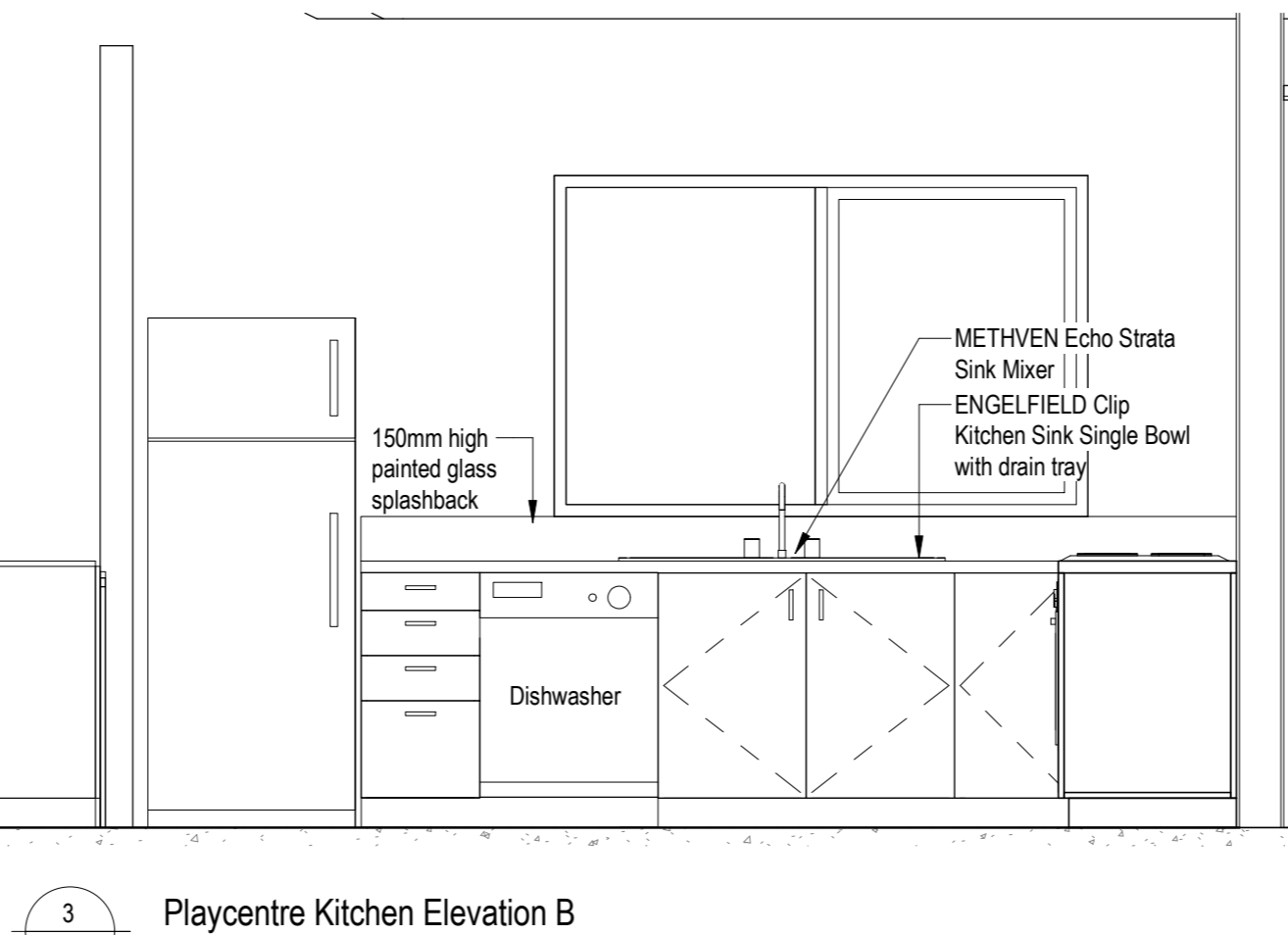


JOINERY NOTES:
 Check manufacturers installation instructions for all appliance clearances.
 Site measure to be done before manufacture

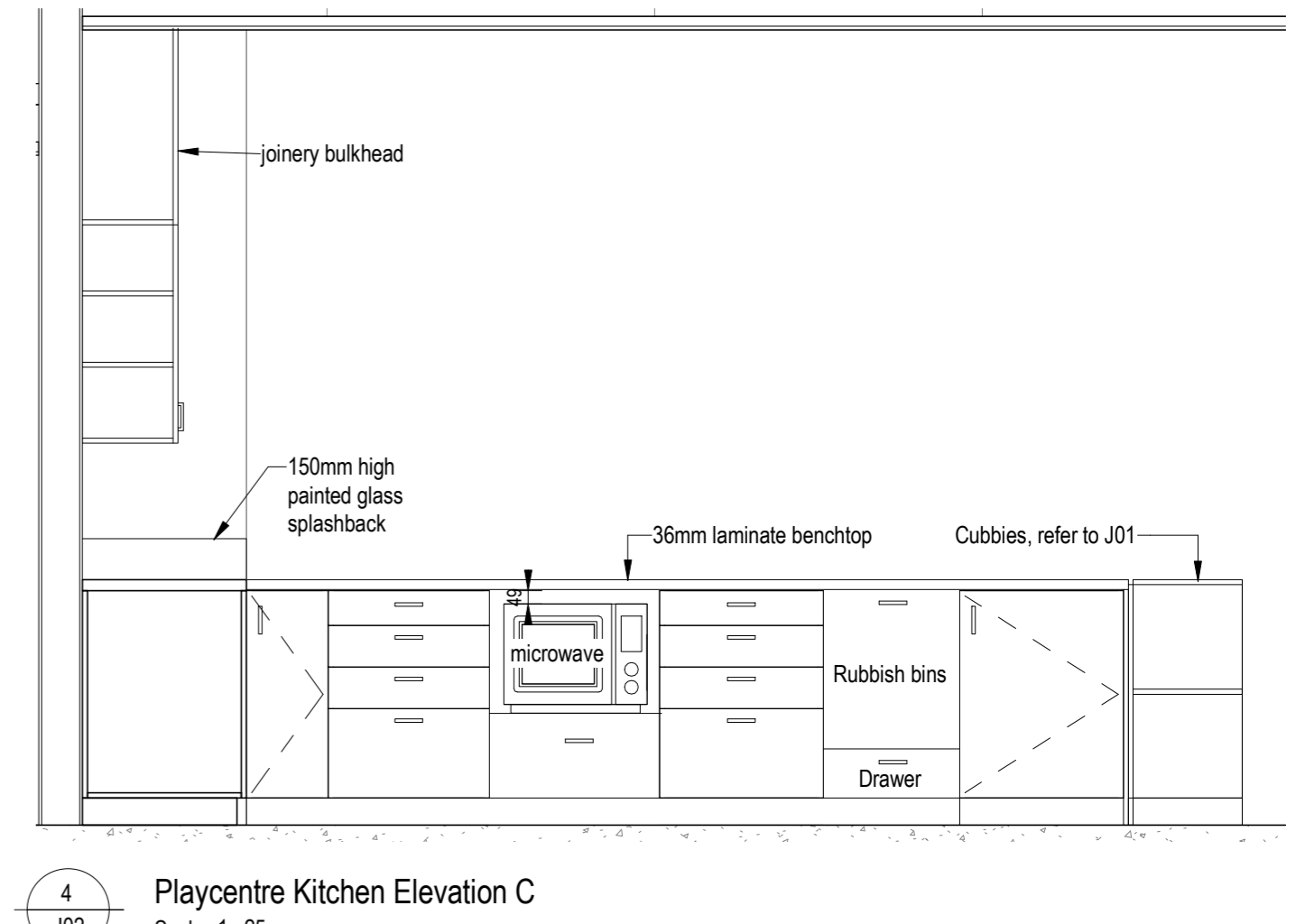
1 Playcentre Kitchen joinery plan
 Scale 1 : 25



2 Playcentre kitchen Elevation A
 Scale 1 : 25



3 Playcentre Kitchen Elevation B
 Scale 1 : 25



4 Playcentre Kitchen Elevation C
 Scale 1 : 25

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REV	DATE	DESCRIPTION
0	17-01-21	Building Consent

Marlborough District Council
 Date Received: 26/2/2021

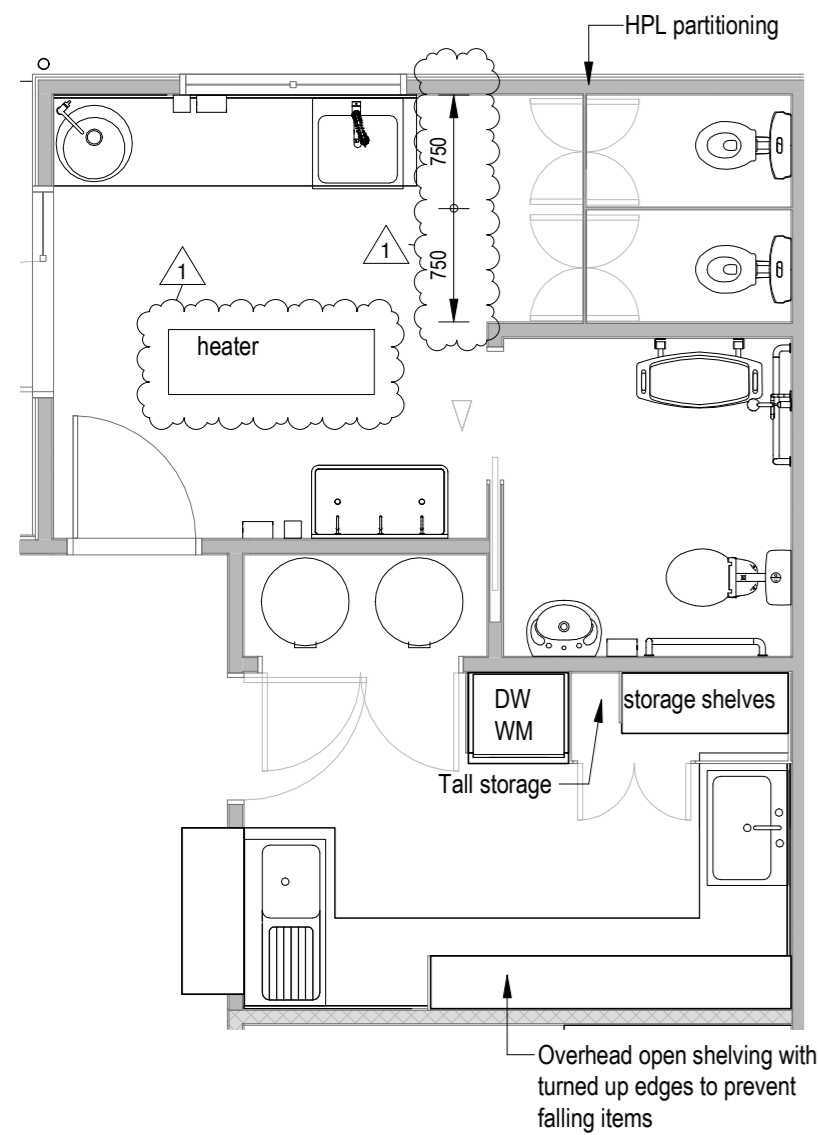
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PROJECT
 Awatere ECE Hub
 Redwood Street, Seddon
 CLIENT
 Awatere ECE Hub Community Trust

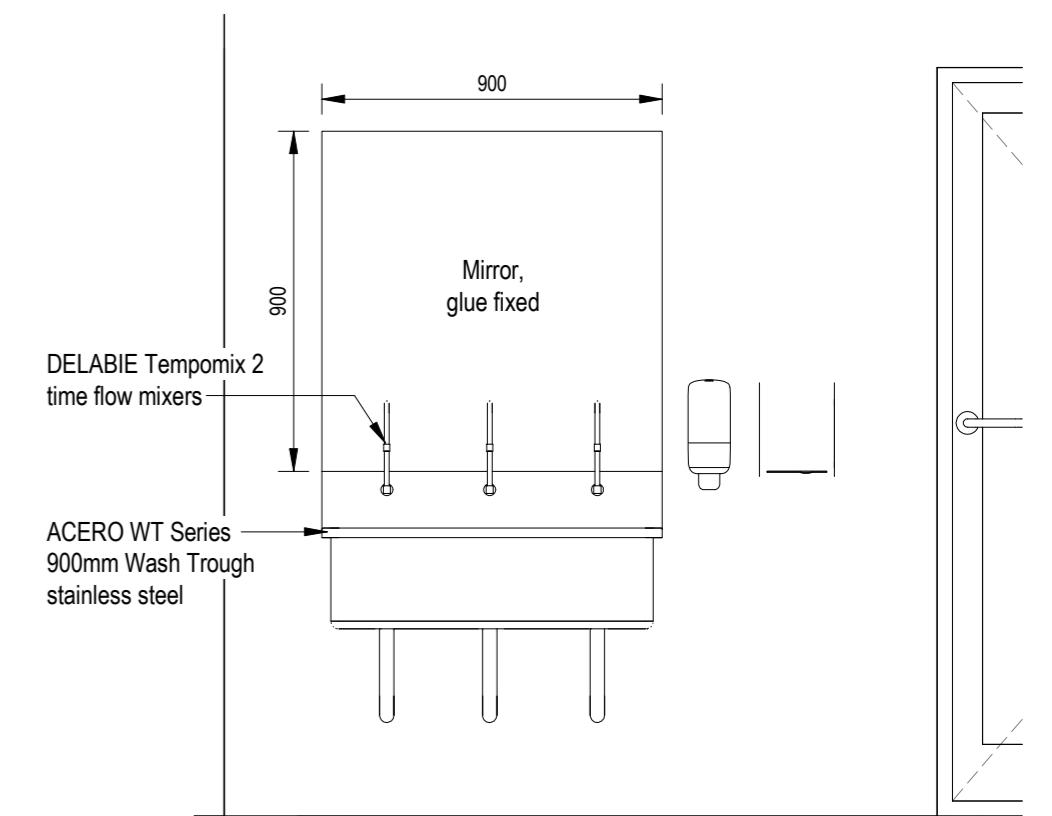
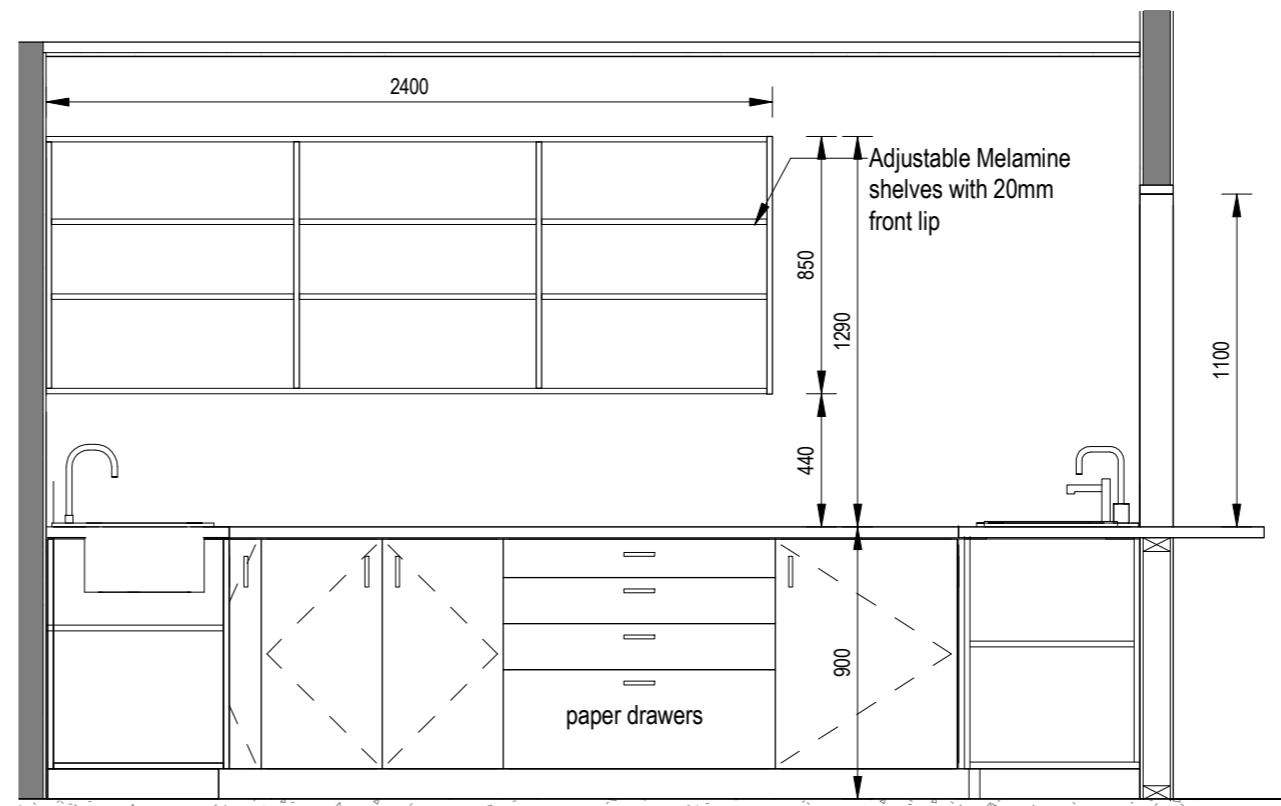
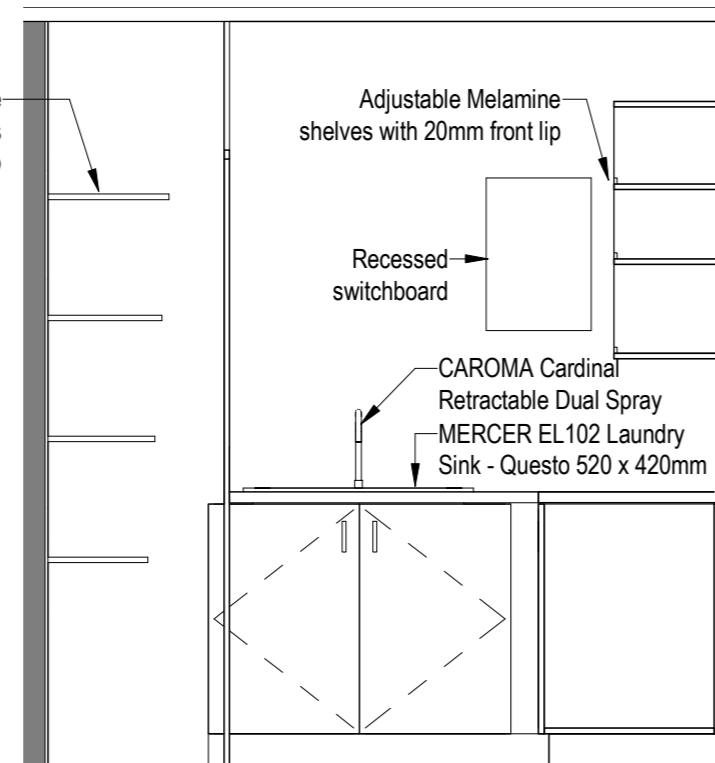
DRAWING
 Joinery Design Playcentre kitchen
 ORIGIN DATE

STATUS	SCALE (A2)	REVISION
BUILDING CONSENT	As indicated	
DESIGNED SH	17-01-21	
DRAWN SH		
APPROVED DWN	6433-J02	0

JOINERY NOTES:
Check manufacturers installation instructions for all appliance clearances.
Site measure to be done before manufacture



Adjustable Melamine shelves 400mm deep

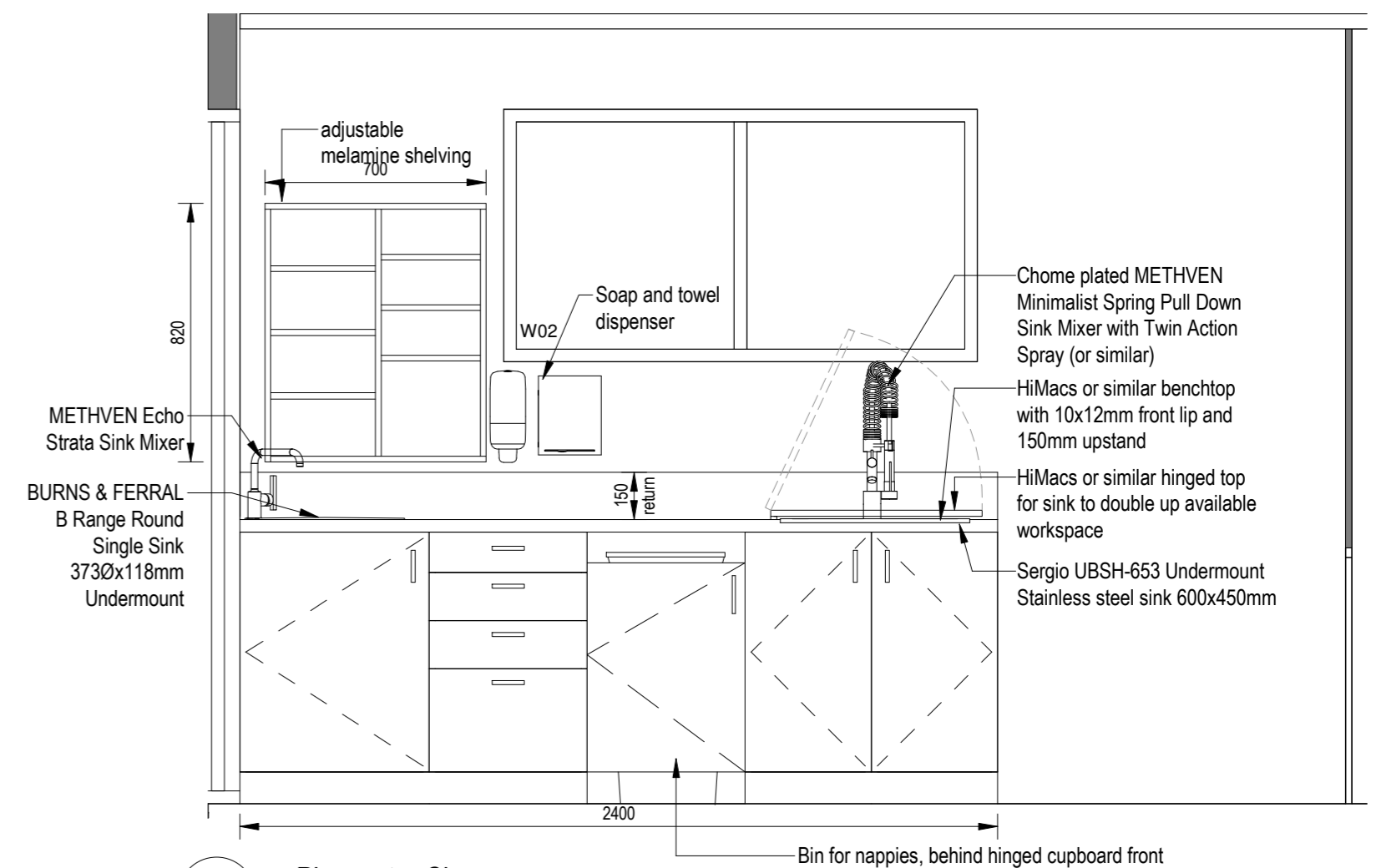
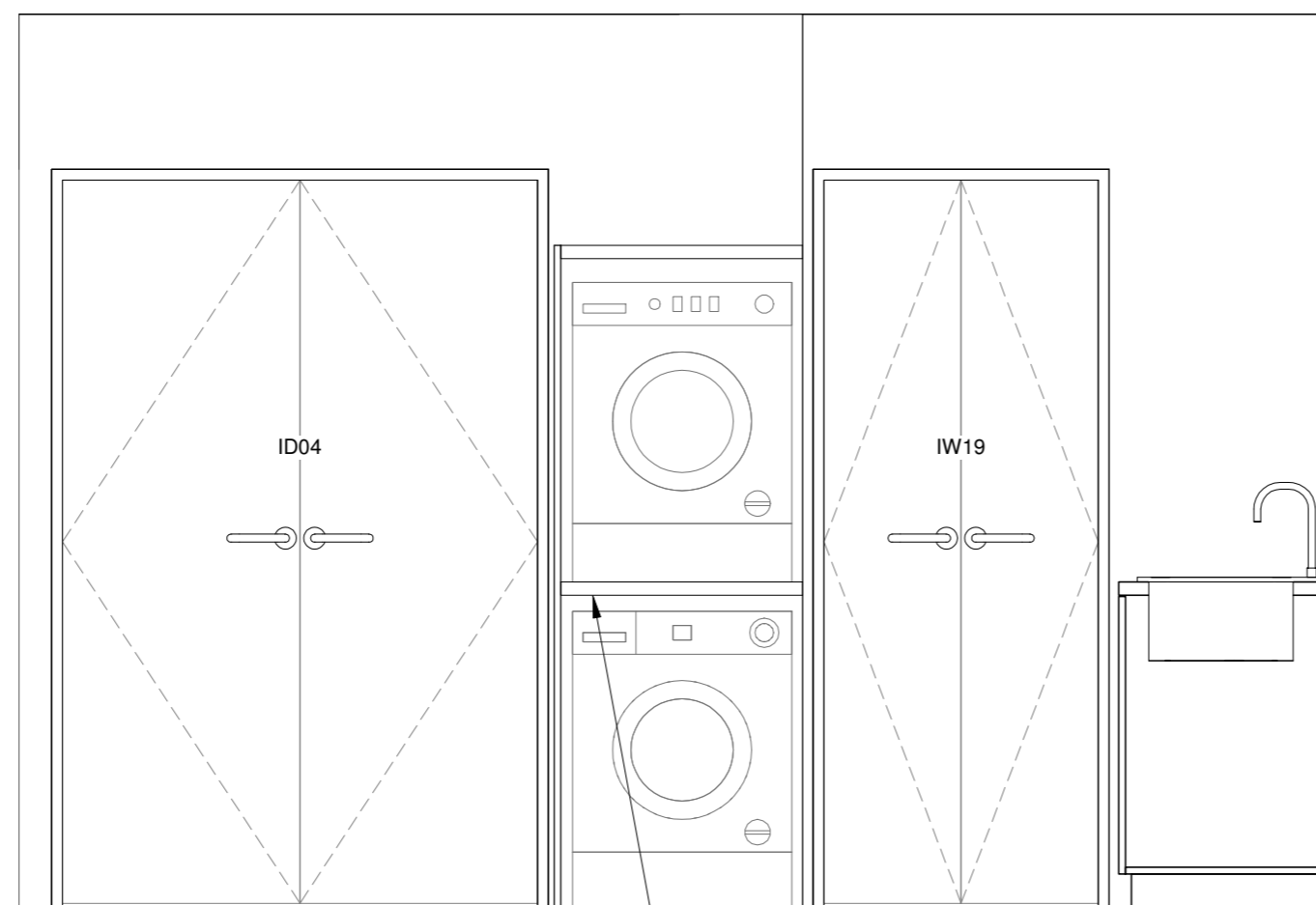
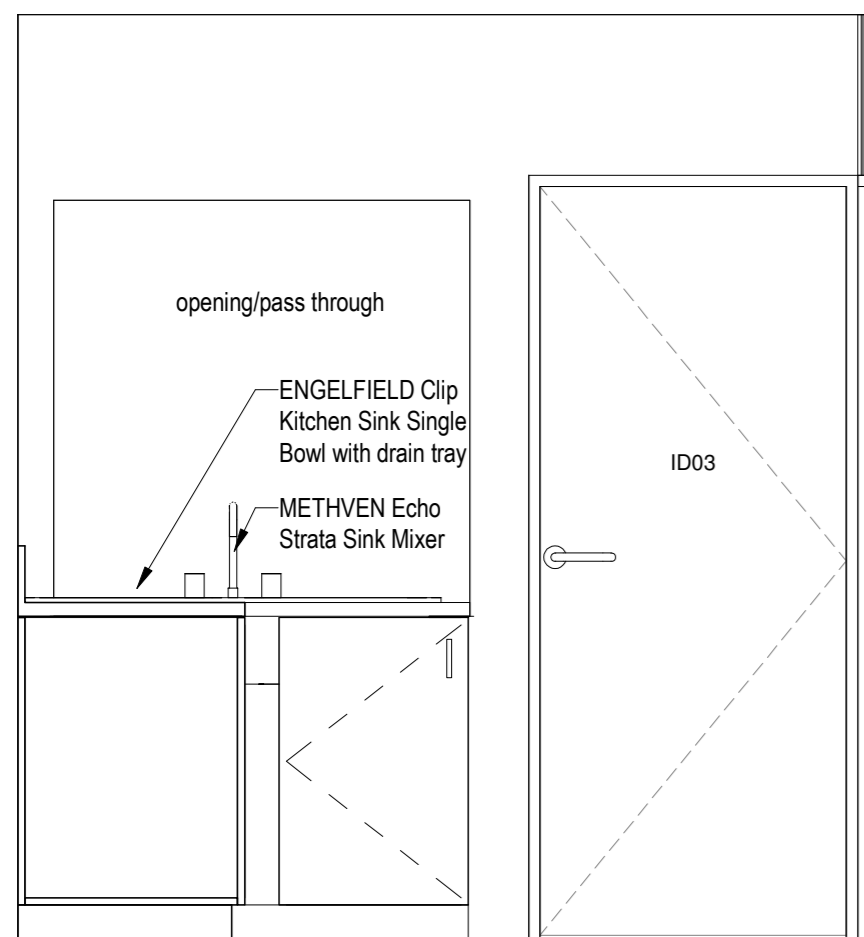


1 Playcentre Change area, Laundry/Art area
Scale 1:50

2 Playcentre Laundry - south elevation
Scale 1:25

3 Art storage, pass-through bench
Scale 1:25

4 Playcentre handbasin elevation
Scale 1:20



5 Playcentre art sink
Scale 1:20

6 Playcentre laundry cupboards
Scale 1:20

7 Playcentre Change area
Scale 1:20

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

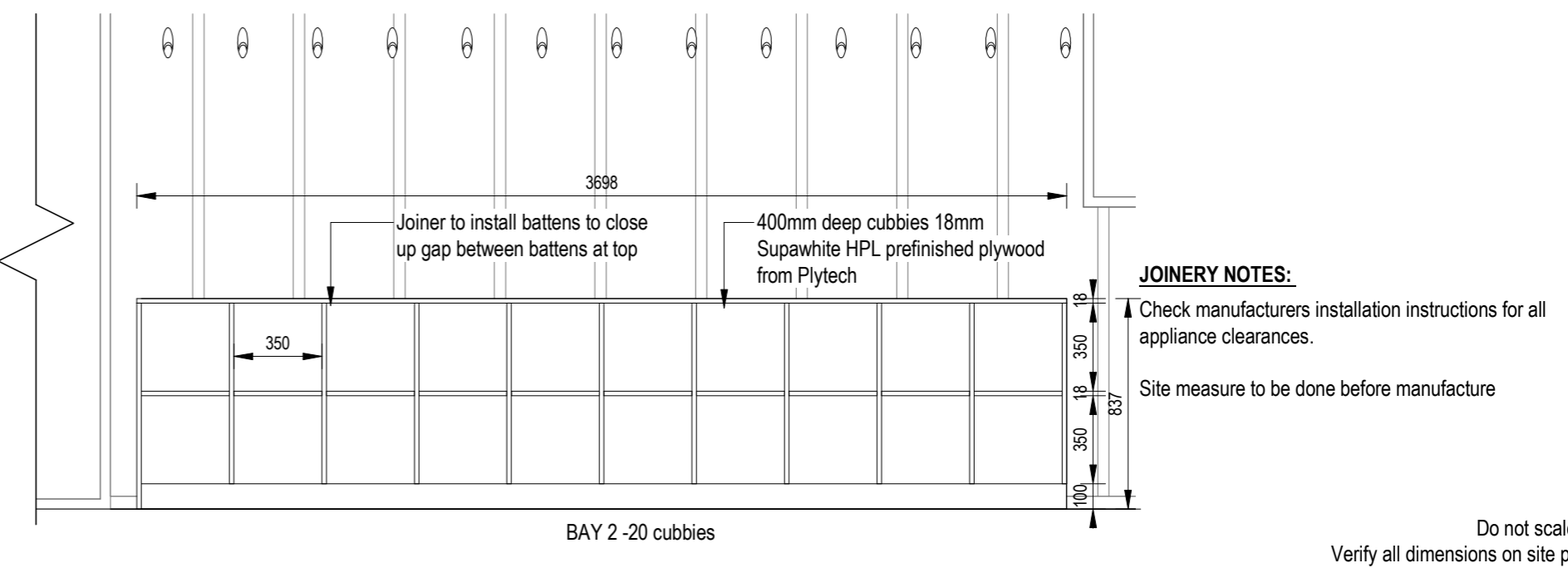
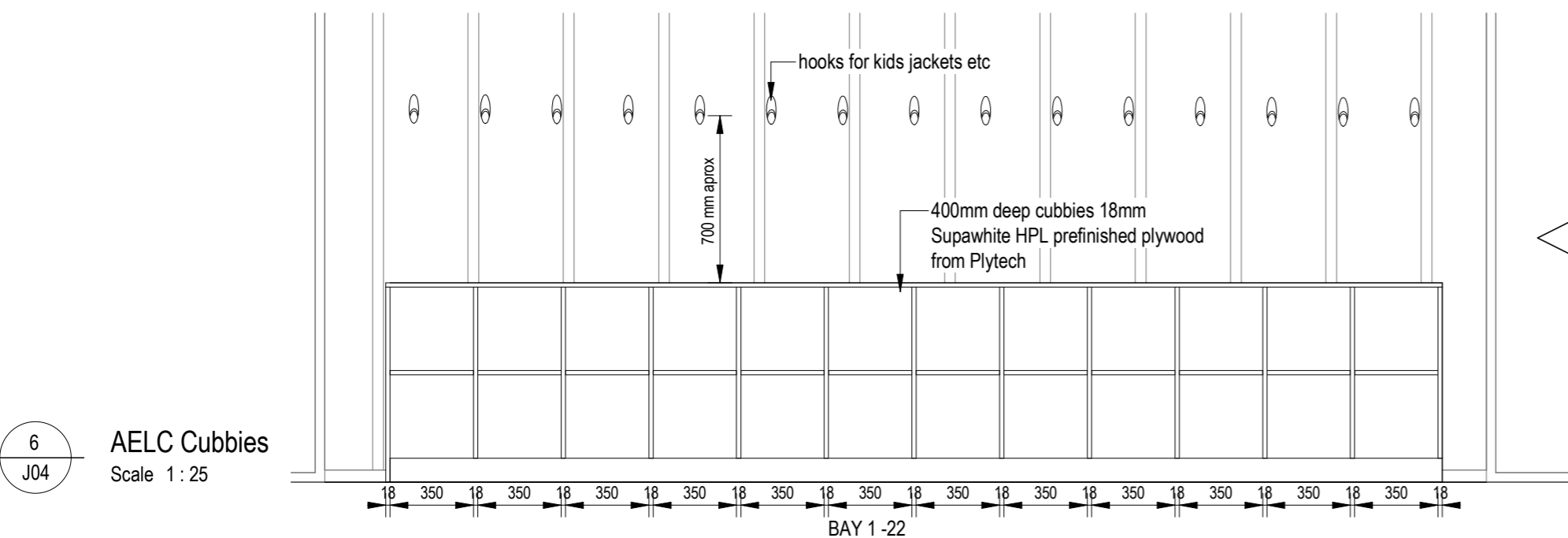
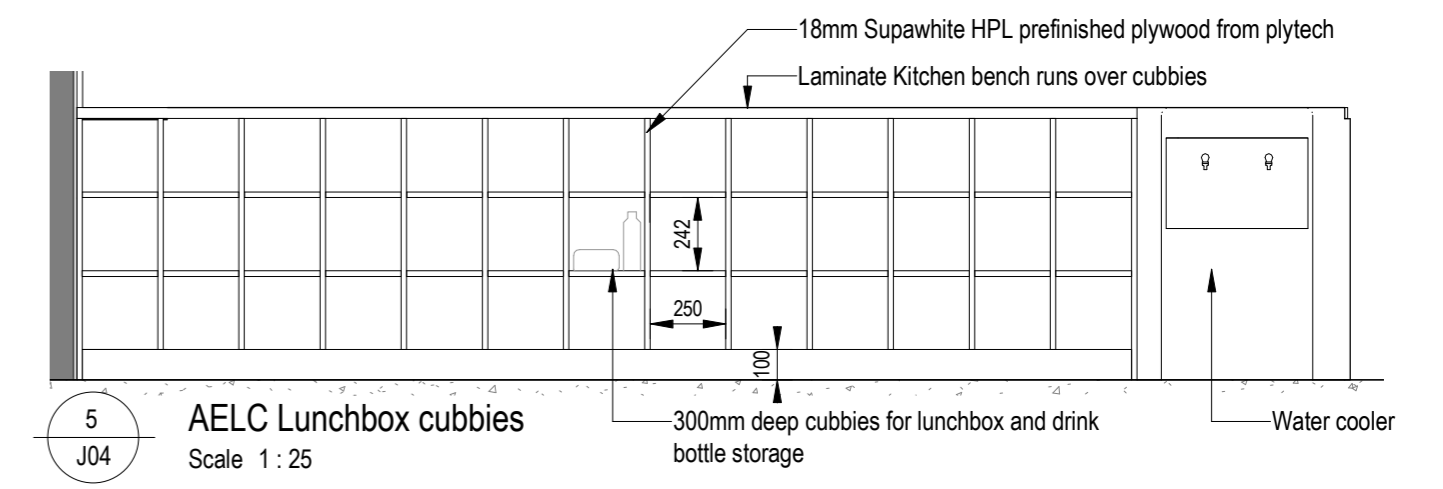
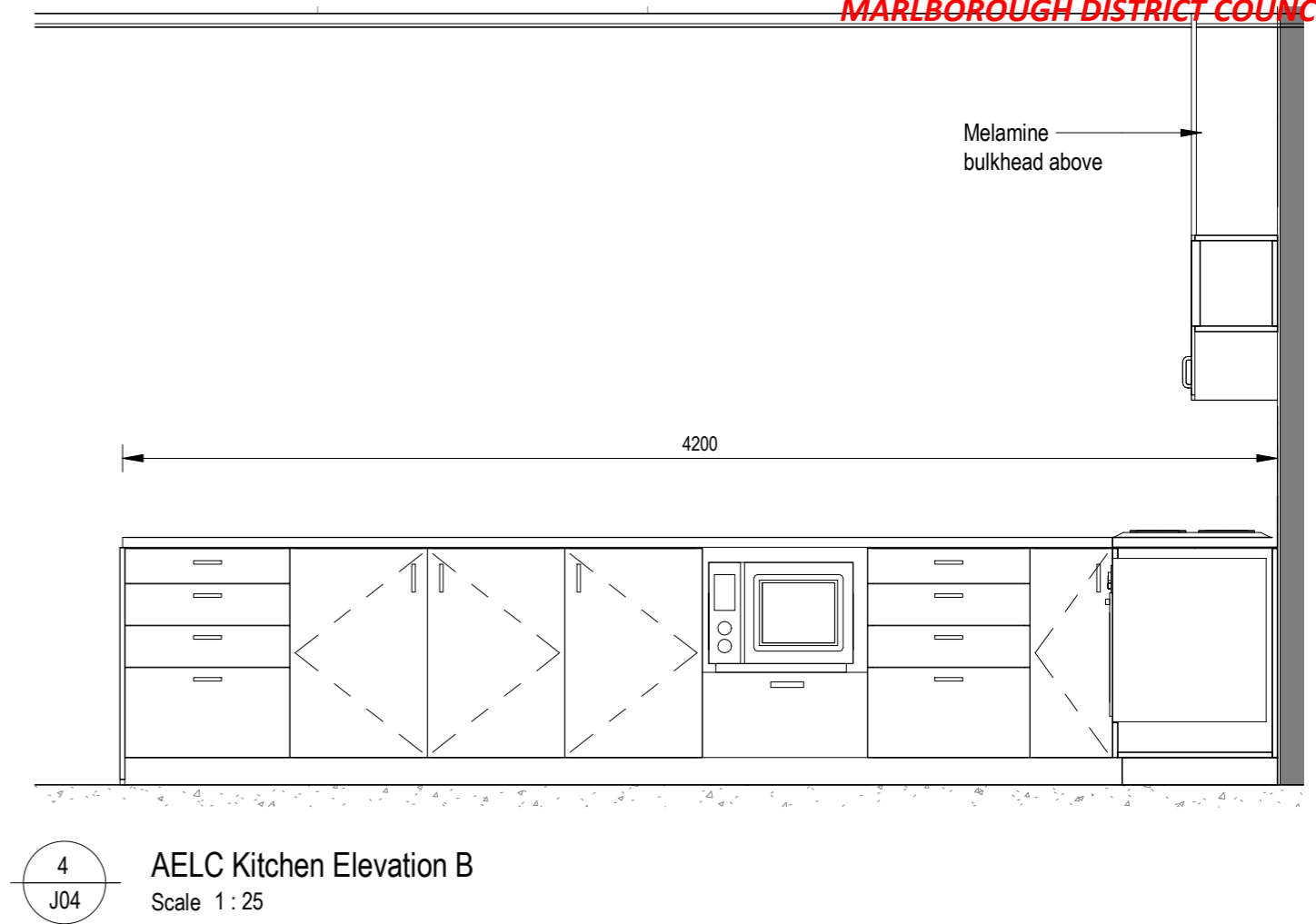
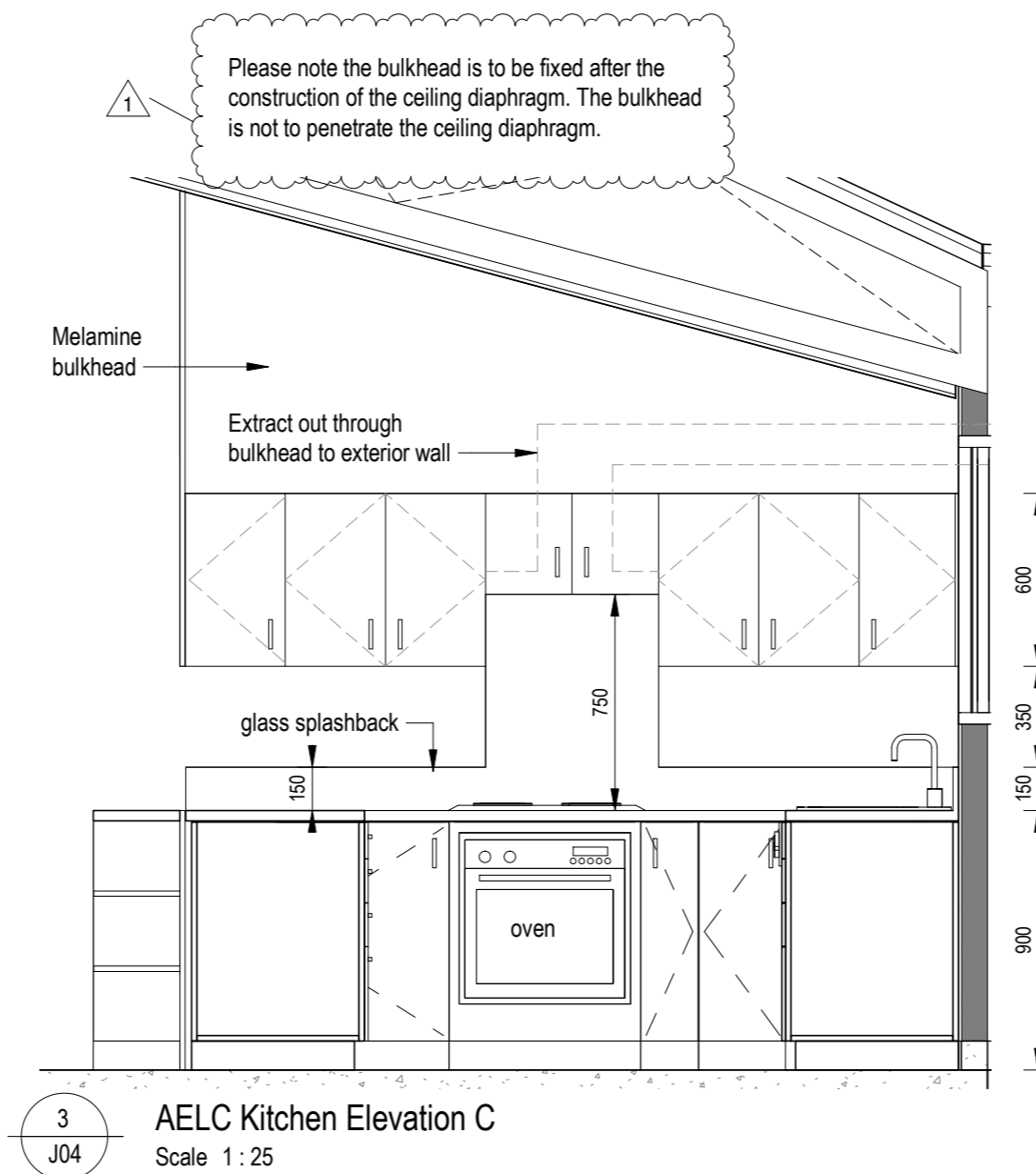
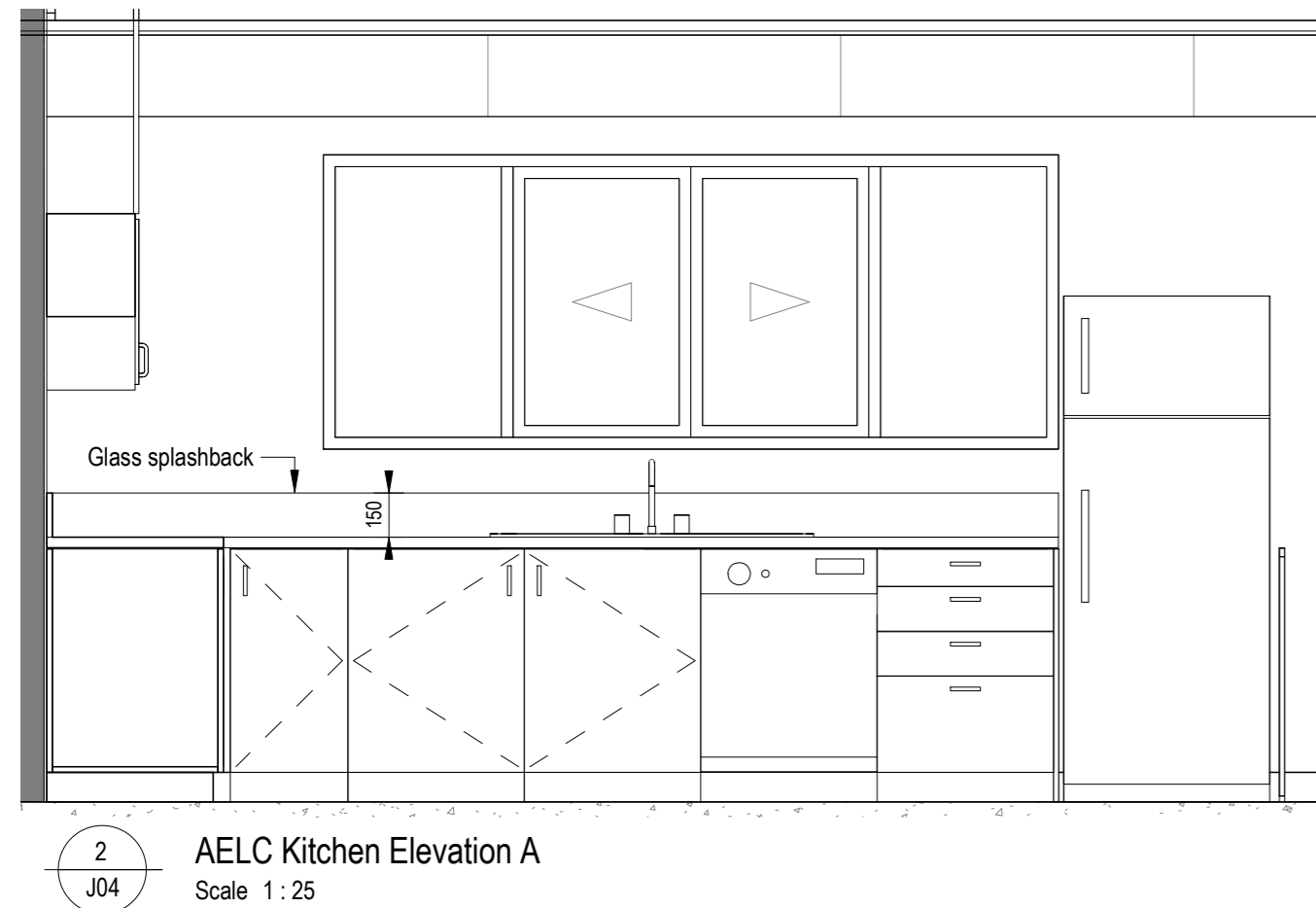
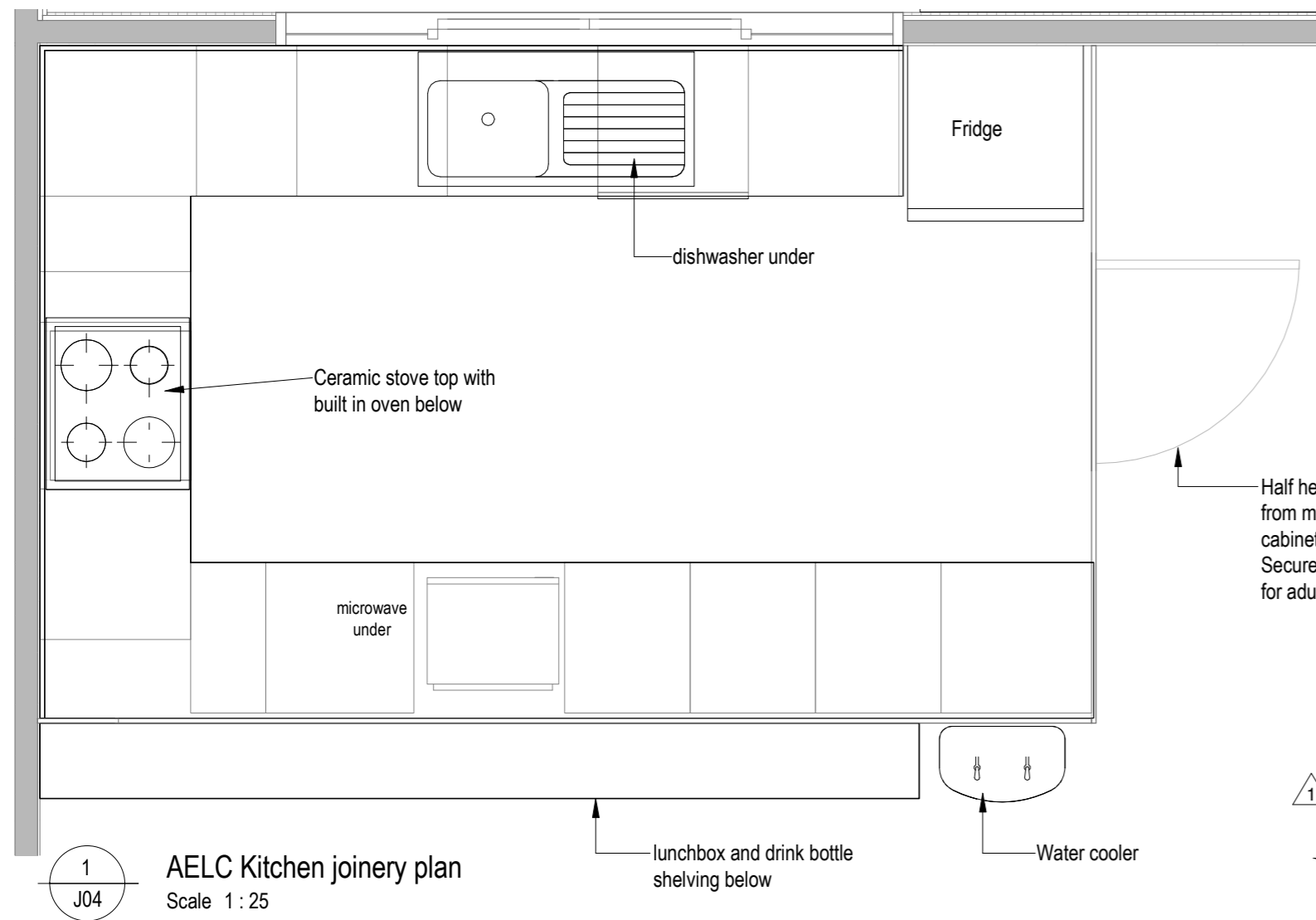
Marlborough District Council
Date Received: 26/2/2021

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Joinery Design - Playcentre
Change/Art
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 26-02-21
APPROVED DWN	DWG NO. 6433-J03
	REVISION 1



JOINERY NOTES:
Check manufacturers installation instructions for all appliance clearances.
Site measure to be done before manufacture

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	04-03-21	RFI Revision

Marlborough District Council
Date Received: 4/3/2021

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Joinery Design -AELC kitchen & cubbies
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED SH	SCALE (A2) As indicated
DRAWN SH	REVISION DATE 04-03-21
APPROVED DWN	DWG NO. 6433-J04
	REVISION 1

NOTES:

1. **General:**
 - a. All structural drawings to be read in conjunction with the architectural drawings and specification. Refer architectural drawings for all setting out.
 - b. The contractor shall verify all field conditions and dimensions prior to commencing construction or fabrication. The architect/engineer shall be notified of any discrepancies between field conditions and contract documents.
 - c. All construction to comply with NZS3101, NZS 3604 and the New Zealand Building Code.
 - d. Contractor to confirm all underground and overground services prior to any excavation or work on site. Services to be isolated and protected as required.
 - e. Construction Hazards: Contractor shall comply with the Health and Safety in Employment Act in general, Health and Safety at Work (Asbestos) Regulations (if applicable) and NZBC F5/AS1. Contractor shall take precautions to minimize nuisance caused by dust, dirt rubbish and noise. Contractor to erect temporary screens and fencing to protect occupants, personnel and the public from construction hazards.
 - f. Contractor to comply with Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011 with respect to excavation.

2. **Excavation & Fillings:**
 - a. Contractor to allow for temporary shoring to contractor design as required to support all excavations.
 - b. Excavate the site soils below natural ground to remove topsoils. Make up to underside of waffle slab foundation with 100mm placed compacted AP40 hardfill on compacted AP65 hardfill. Hardfill is to be compacted in maximum 100mm layers to 95% of maximum dry density as determined by NZS 4402:1986 test 4.1.1. Soft spots encountered to be filled with compacted hardfill.
 - c. Engineer to inspect subgrade before filling and fill on completion. The contractor shall advise the engineer of the compaction method & equipment the contractor proposes to use prior to any filling on site.

3. **Concrete:**
 - a. All concrete to be special grade with a maximum slump of 80 mm. The production shall conform with NZS 3104. 28 day strength shall be: 25 MPa.
 - b. The construction of concrete elements shall conform with NZS 3109, in particular concrete curing. Testing shall comply with NZS 3112.
 - c. Reinforcing bars shall conform to AS/NZS 4671 Grade 300E or 500E as specified. Reinforcing mesh fabric shall conform to AS/NZS 4671 Grade 500E. Welding of reinforcement, including tack welds, is not permitted.
 - d. All reinforcing shall have a minimum of 50 mm cover, unless noted otherwise. All reinforcing below natural ground level shall have a minimum of 75 mm cover.
 - e. Concrete slab construction shall follow CCANZ guidelines. All concrete shall be a low shrinkage mix. 12mm aggregate pump mix shall not be used. The slab must be water cured as per NZS3109 or other method in accordance with CCANZ guidelines.
 - f. All drill-in anchors/reinforcement bars to be RAMSET EPCON C6 Plus system (or equal approved) installed strictly in accordance with the manufacturers instructions. All anchor holes must be cleaned as per manufacturers instructions. All threaded rods and reinforcement to have ends tipped. All anchors must be suitable for use in seismic load situations. Confirm anchor positions on site prior to steel fabrication and concrete pour - reinforcing steel may not be cut. M12 anchors to be minimum of 50mm from concrete edge and M16 anchors to be minimum of 65mm from concrete edge.

4. **Waffle Slab Foundations:**
 - a. Confirm location of 300mm load bearing ribs with architectural layout & roof truss manufacturer load bearing wall requirements. All revisions to the layout to be agreed with the Engineer prior to any work on site.
 - b. Services through foundation to be sleeved. Services details to comply with MBIE requirements & guidelines.
 - c. Services shall not pass horizontally through 300mm wide ribs. 300mm ribs may not be relocated - adjust services location. Refer foundation details drawing for detail where services pass vertically through 300mm rib.
 - d. Services shall not pass vertically or horizontally through 100mm wide ribs. Adjust location of 100mm ribs or services to avoid clash.
 - e. SC denotes 25mm deep slab saw cut. Saw cuts must be located to side of 300mm ribs, as shown. All sawcut joints are to be sealed with SIKA SILAFLEX 11FC or an approved equivalent applied strictly in accordance with the manufacturers recommendations. The saw cutting of the joints shall be within 12 hours of completing the pour and shall have a minimum width of 6mm. Mesh laps may not be within 400mm of saw cuts.
 - f. FJ denotes free joint - refer foundation details drawing.
 - g. Refer architectural drawings for all setting out, including rebate/nib/etc locations and sizes (only shown indicatively on this drawing).
 - h. Refer architectural documentation for slab finishes. Slab design assumes no polished/exposed concrete and no underfloor heating or other services within the slab. Additional shrinkage control measures may be required if any of the above applies.

5. **Timber:**
 - a. Timber Framing shall be SG8 grade to NZS3603 and NZS3622. Nails, nail-plates and screw fixings shall be to the requirements of NZS3604 or as shown on drawings. Treatment of framing shall be as noted to NZS 3640.
 - b. Framing shall be separated from concrete using a full length damp proof membrane.
 - c. All internal bolts and steel fixings for timber connectors (nails, straps, hangers) to be hot-dipped galvanised in accordance with NZS3604.
 - d. All external steel fixings for timber connectors (nails, straps, hangers) to be Type 304 stainless steel in accordance with NZS3604.
 - e. All external bolts to be hot-dipped galvanised in accordance with NZS3604. All bolts to be greased through timber.
 - f. All bolts to have 50x50x3mm washers to timber faces.
 - g. All glulam and LVL timber sections to be painted/sealed as per manufacturers recommendations.
 - h. Cut faces to timber to be treated with Holdfast Metalex End Seal in accordance with manufacturers instructions.
 - i. Ceiling linings shown on architectural drawings (plywood ceiling) to be constructed as structural diaphragms with nailing pattern as per manufacturers instructions.

REINFORCED CONCRETE LAP LENGTHS

Reinforcing bars in concrete shall be lapped as noted on the drawing. Where not specified they shall be lapped a minimum of the dimensions shown in the table below.

Where bars are top steel and greater than 300mm of concrete is poured below the bar, the values in the table below are to be multiplied by 1.3 to find the appropriate lap length of the bars.

GRADE 300E DEFORMED BARS

LAP LENGTHS FOR:		
BAR SIZE	20MPa CONCRETE	25MPa CONCRETE
D10	350	300
D12	450	400
D16	550	500
D20	700	600

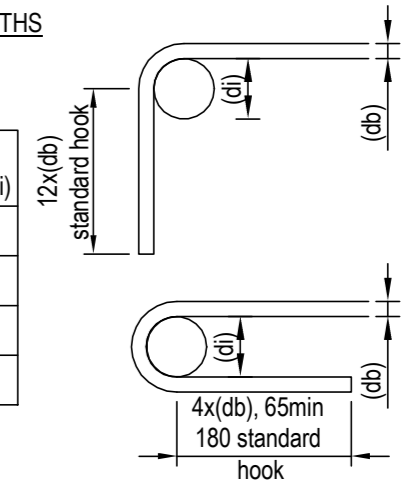
GRADE 500E DEFORMED BARS

LAP LENGTHS FOR:		
BAR SIZE	20MPa CONCRETE	25MPa CONCRETE
HD10	600	500
HD12	675	600
HD16	900	800
HD20	1150	1000

BEND DIAMETERS & HOOK TAIL LENGTHS

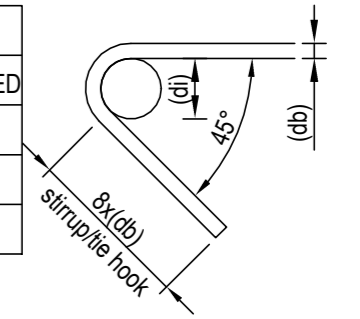
MAIN STEEL (DEFORMED)
 GRADE 300E (D) & 500E (HD)

BAR DIAMETER (db)	MINIMUM BEND DIAMETER (di)
10	50
12	60
16	80
20	100 (160 for galv)



STIRRUPS & TIES (PLAIN)
 GRADE 300E (R) & DEFORMED (D)

BAR DIA. (db)	MINIMUM BEND DIAMETER (di)	
	PLAIN	DEFORMED
6	12	24
10	20	40
12	24	48



Do not scale from this drawing.
 Verify all dimensions on site prior to construction.

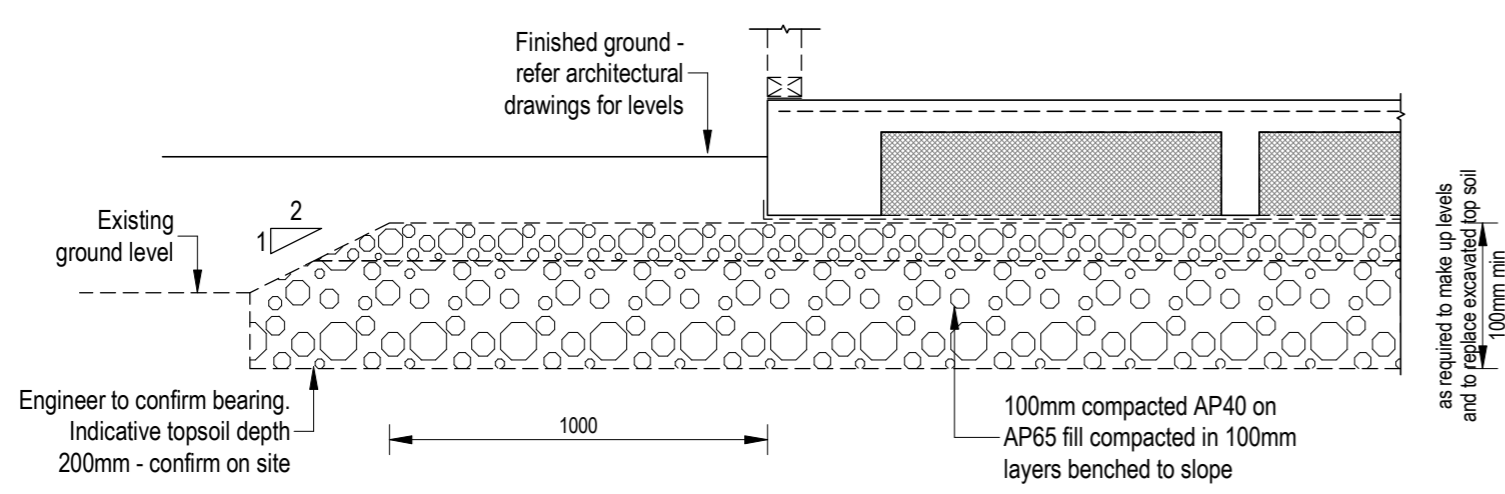
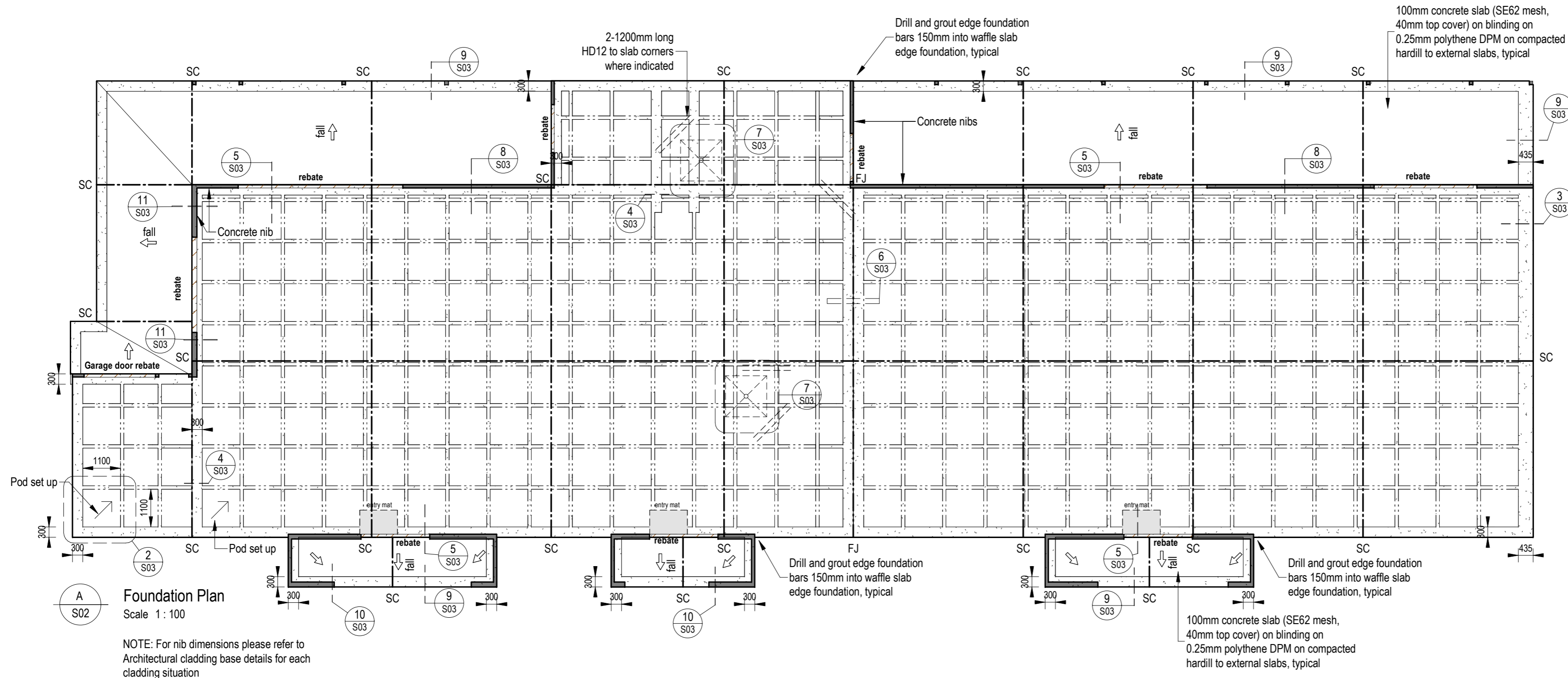
REV	DATE	DESCRIPTION
0	17-01-21	Building Consent

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PROJECT
 Awatere ECE Hub
 Redwood Street, Seddon
 CLIENT
 Awatere ECE Hub Community Trust

DRAWING
 Structural General Notes
 ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED	SCALE (A2)
MOB	1 : 100
DRAWN	REVISION DATE
SH	17-01-21
APPROVED	DWG NO.
RE	6433-S01
	REVISION
	0



B
S02
FILL DETAILS
Scale 1:20

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent

Marlborough District Council
Date Received: 26/2/2021

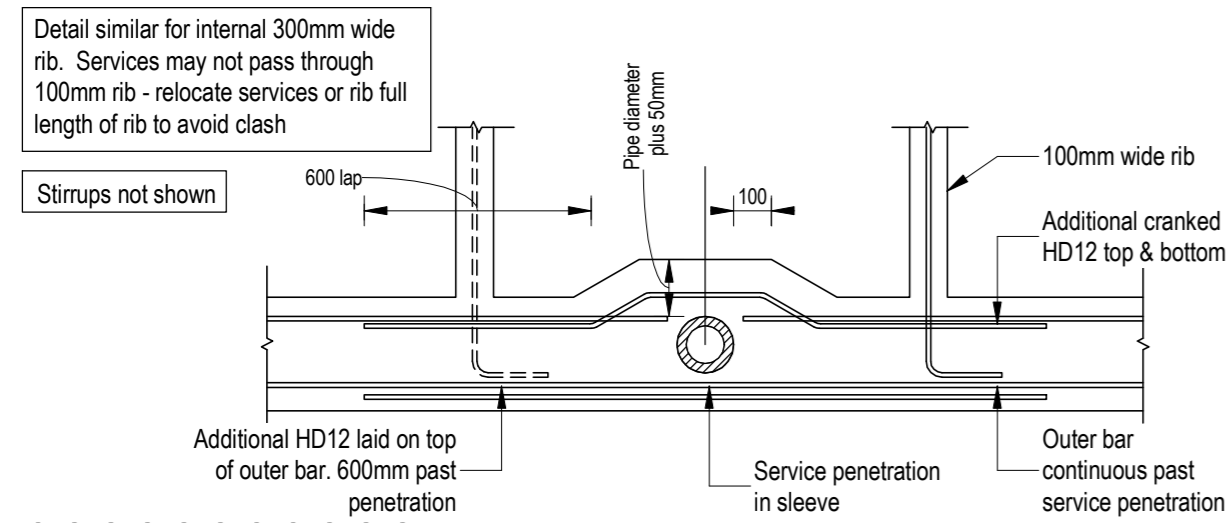
smartalliances
ENGINEERING / RESOURCE MANAGEMENT / ARCHITECTS LTD
1st Floor - River View House - 10 High Street - Blenheim - New Zealand
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E: info@smartalliances.co.nz Website: www.smartalliances.co.nz

PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
Foundation Plan
ORIGIN DATE

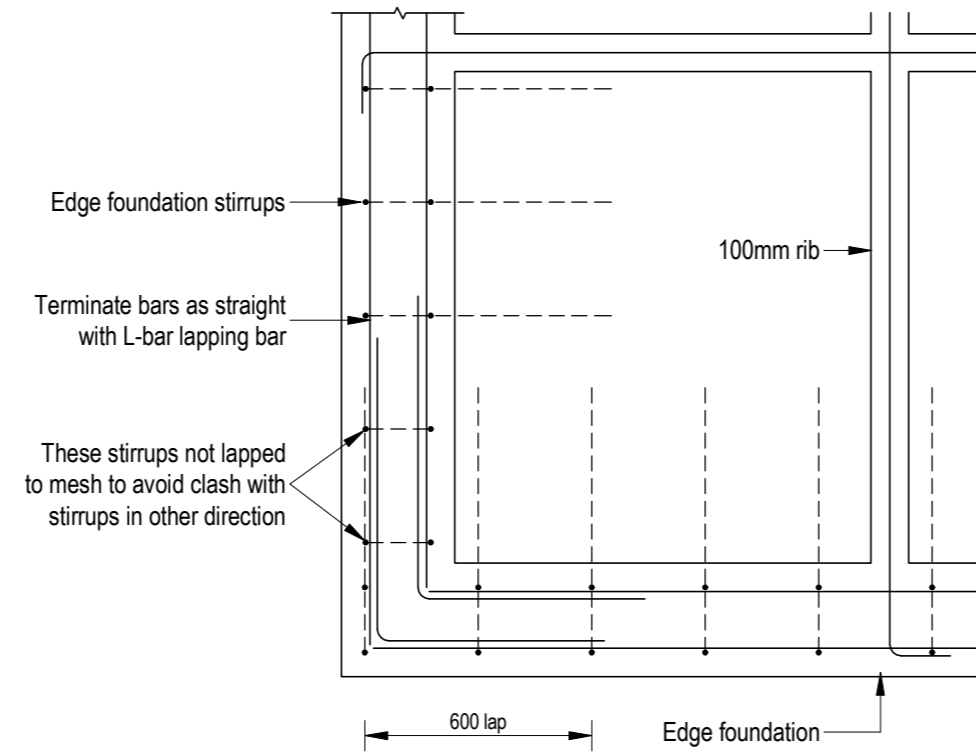
Do not scale from this drawing.
Verify all dimensions on site prior to construction.

STATUS	
BUILDING CONSENT	
DESIGNED	SCALE (A2)
MOB	As indicated
DRAWN	REVISION DATE
SH	17-01-21
APPROVED	DWG NO.
RE	6433-S02
	REVISION
	0

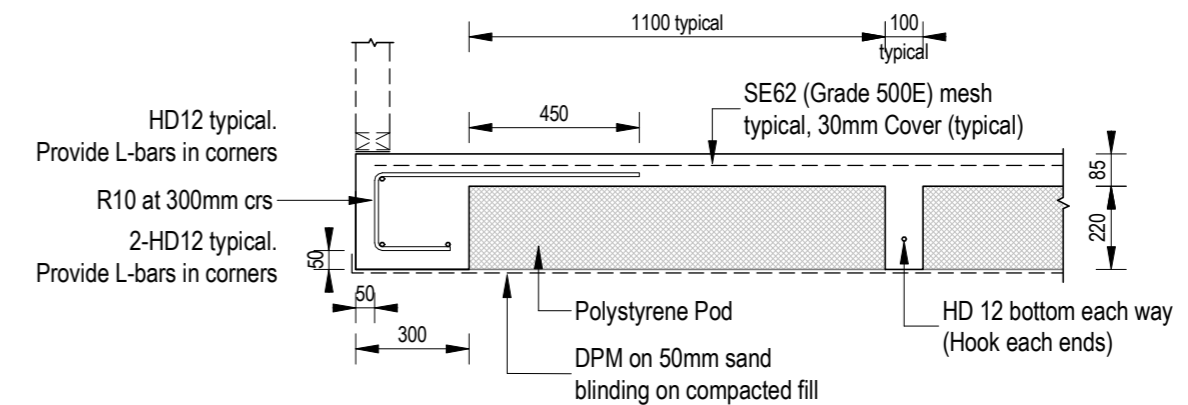


Detail similar for internal 300mm wide rib. Services may not pass through 100mm rib - relocate services or rib full length of rib to avoid clash

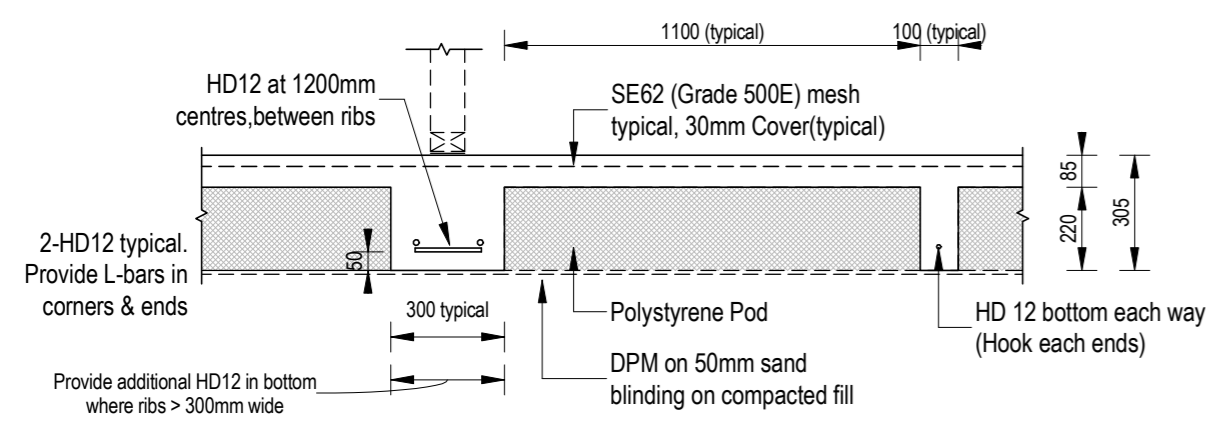
1 LOAD BEARING RIB SERVICE PENETRATION
Scale 1 : 20



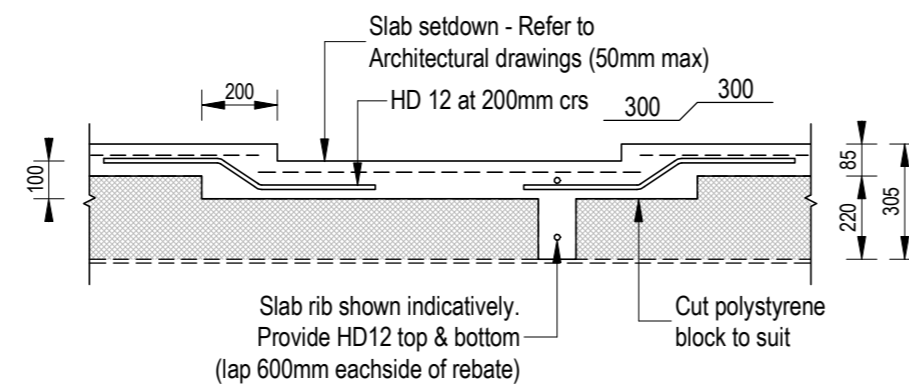
2 TYPICAL CORNER DETAIL
Scale 1 : 20



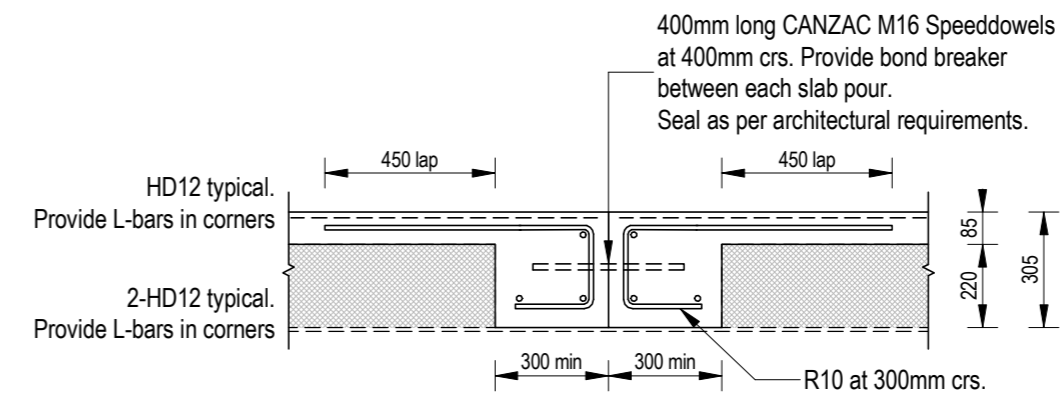
3 TYPICAL EDGE FOUNDATION DETAIL
Scale 1 : 20



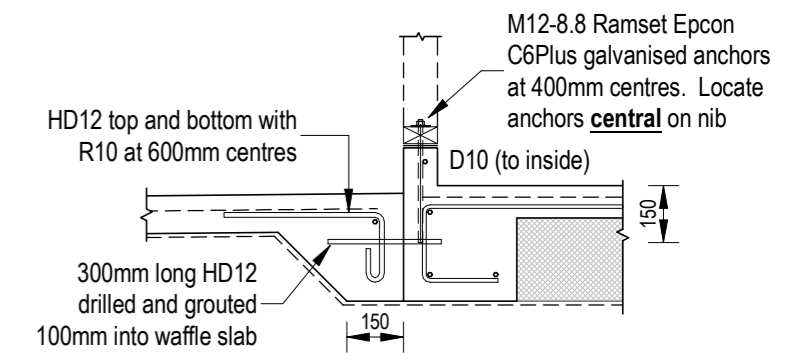
4 INTERNAL FOUNDATION DETAIL
Scale 1 : 20



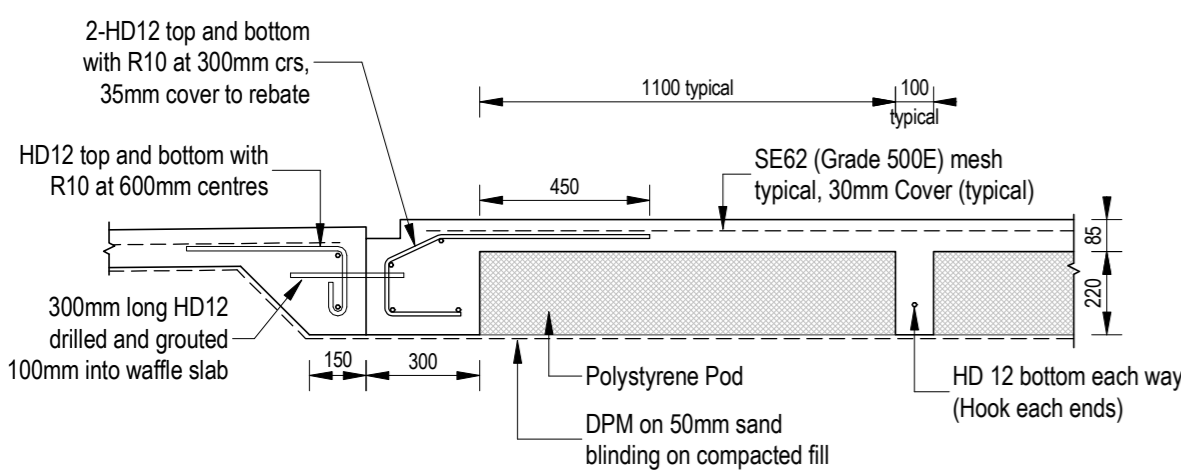
7 SHOWER SETDOWN DETAIL
Scale 1 : 20



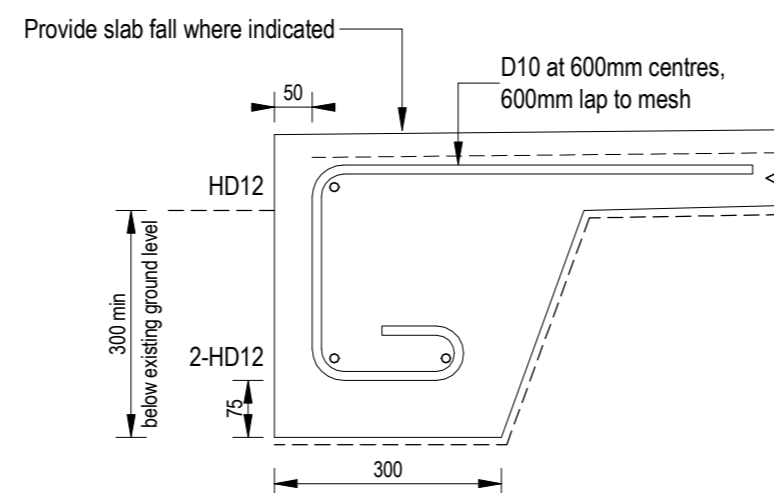
6 FREE JOINT DETAIL
Scale 1 : 20



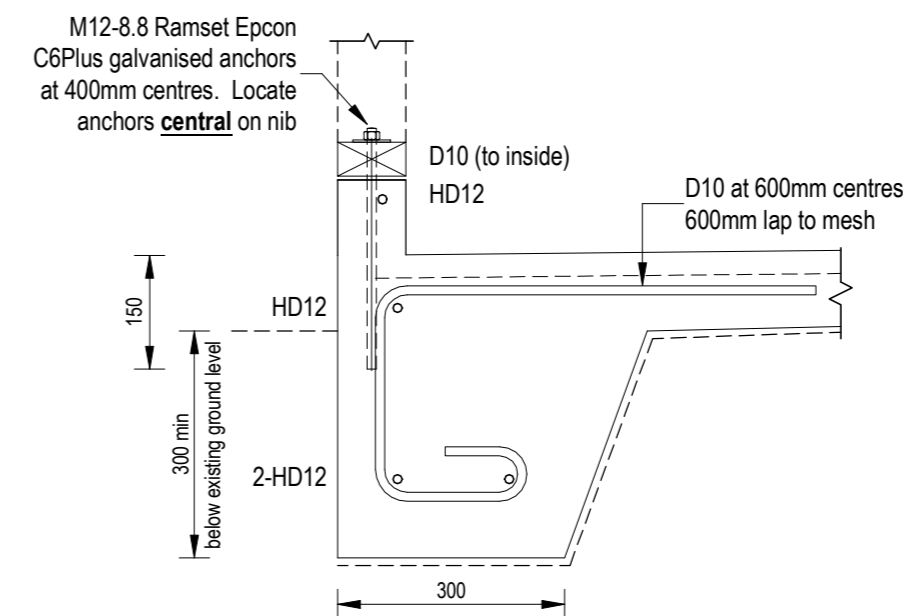
8 TYPICAL NIB DETAIL
Scale 1 : 20



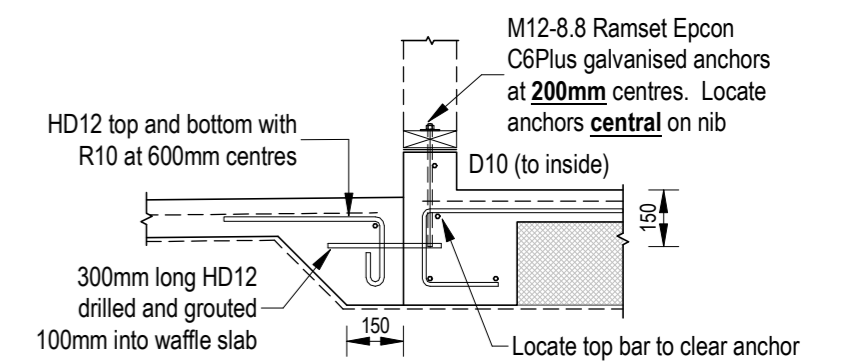
5 TYPICAL JOINERY REBATE DETAIL
Scale 1 : 20



9 SLAB FOUNDATION DETAIL
Scale 1 : 10



10 SLAB FOUNDATION WITH NIB DETAIL
Scale 1 : 10



11 TYPICAL NIB DETAIL AT FIRE RATED WALL
Scale 1 : 20

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent
1	26-02-21	RFI Revision

Marlborough District Council
Date Received: 26/2/2021

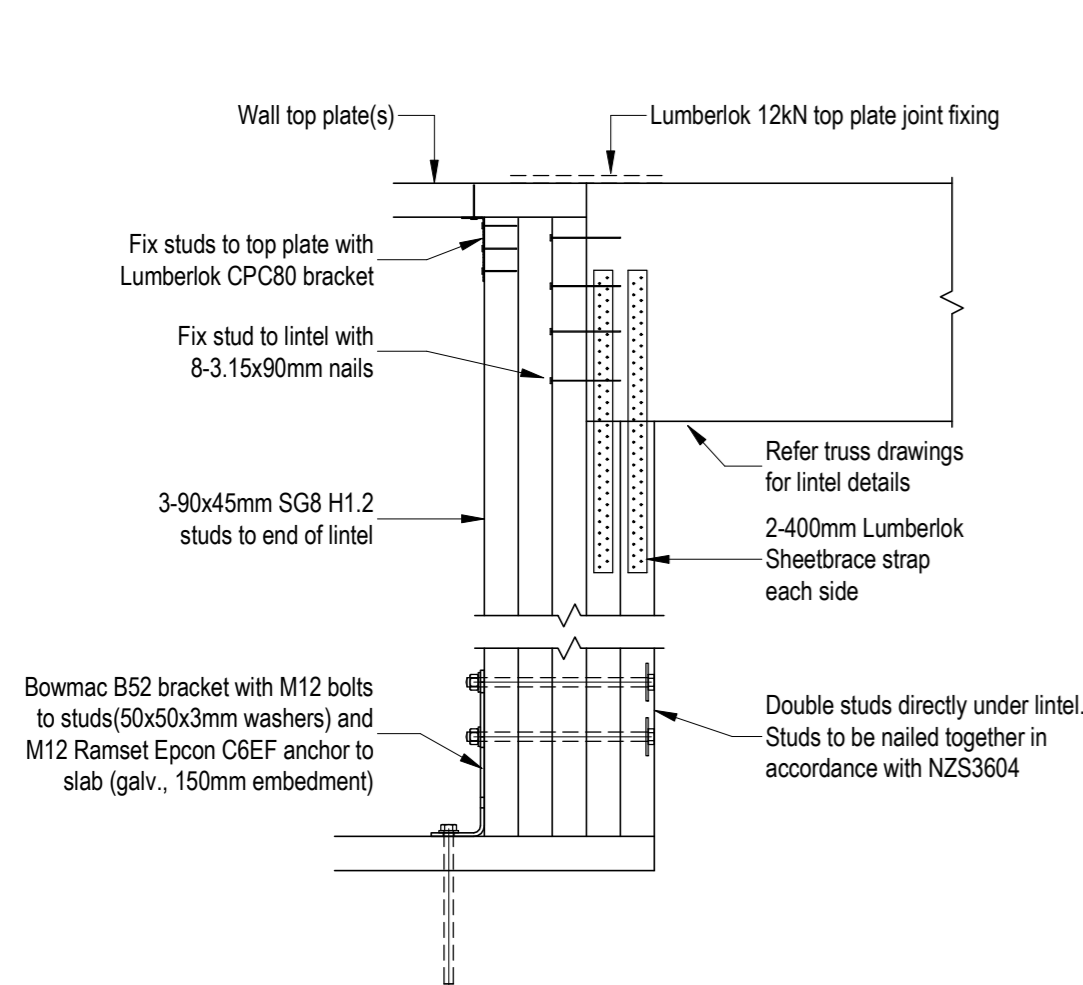
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CLIENT
Awatere ECE Hub Community Trust

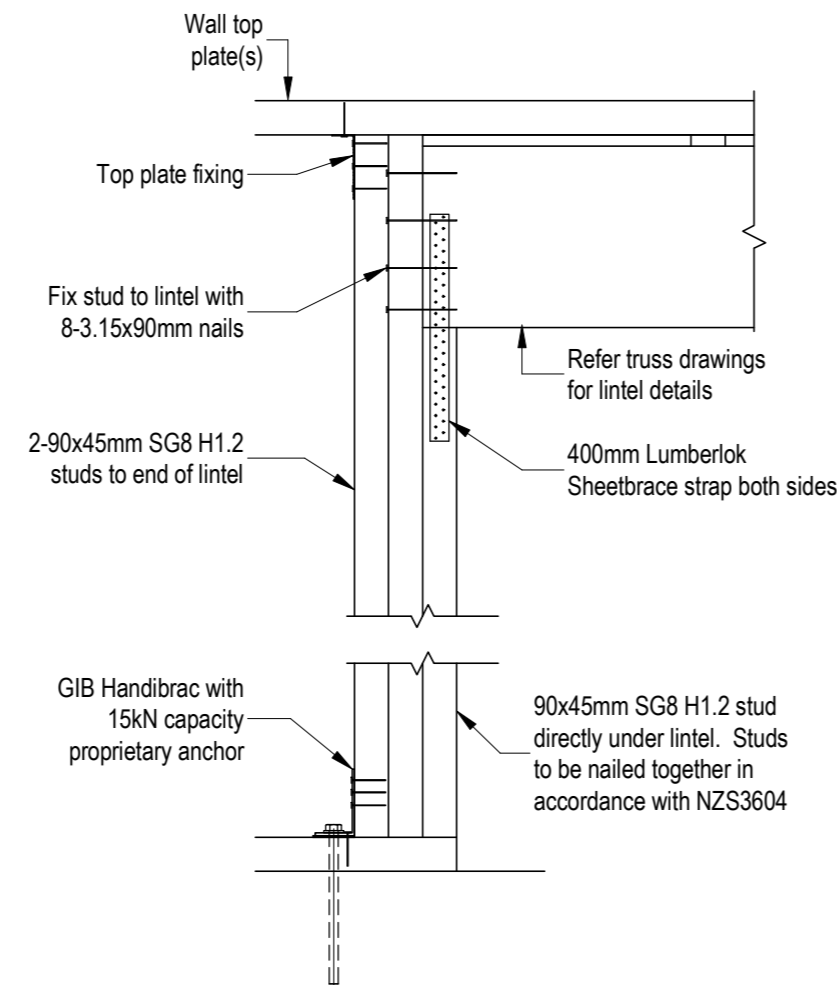
STATUS
Foundation Details
ORIGIN DATE

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

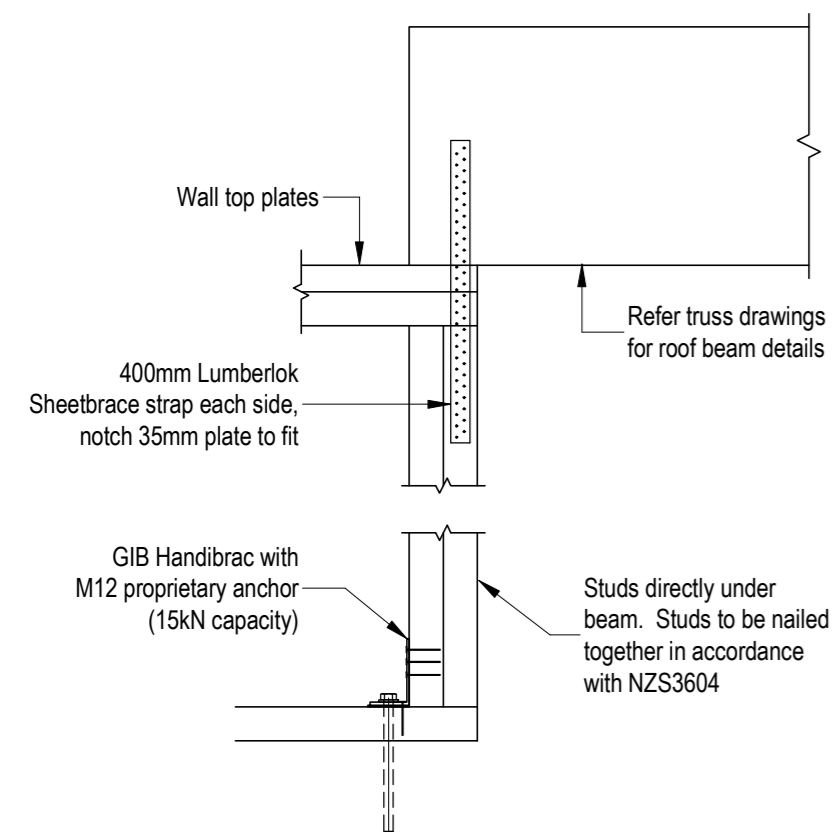
BUILDING CONSENT	
DESIGNED	SCALE (A2)
MOB	As indicated
DRAWN	REVISION DATE
SH	26-02-21
APPROVED	DWG NO.
RE	6433-S03
	REVISION
	1



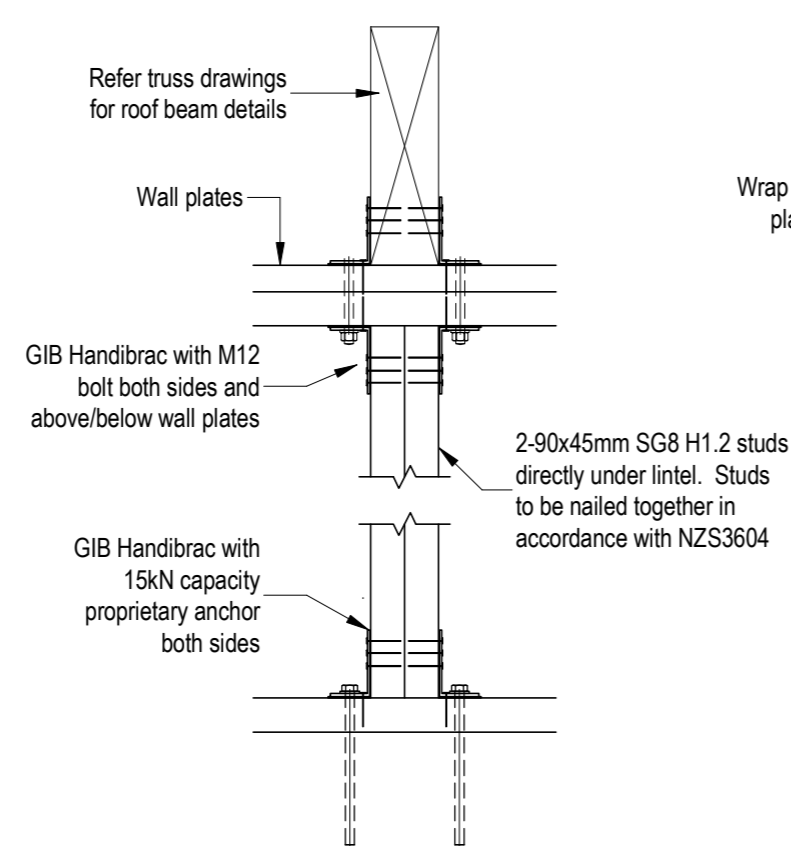
1 DOOR D04 LINTEL FIXING DETAIL
Scale 1 : 10



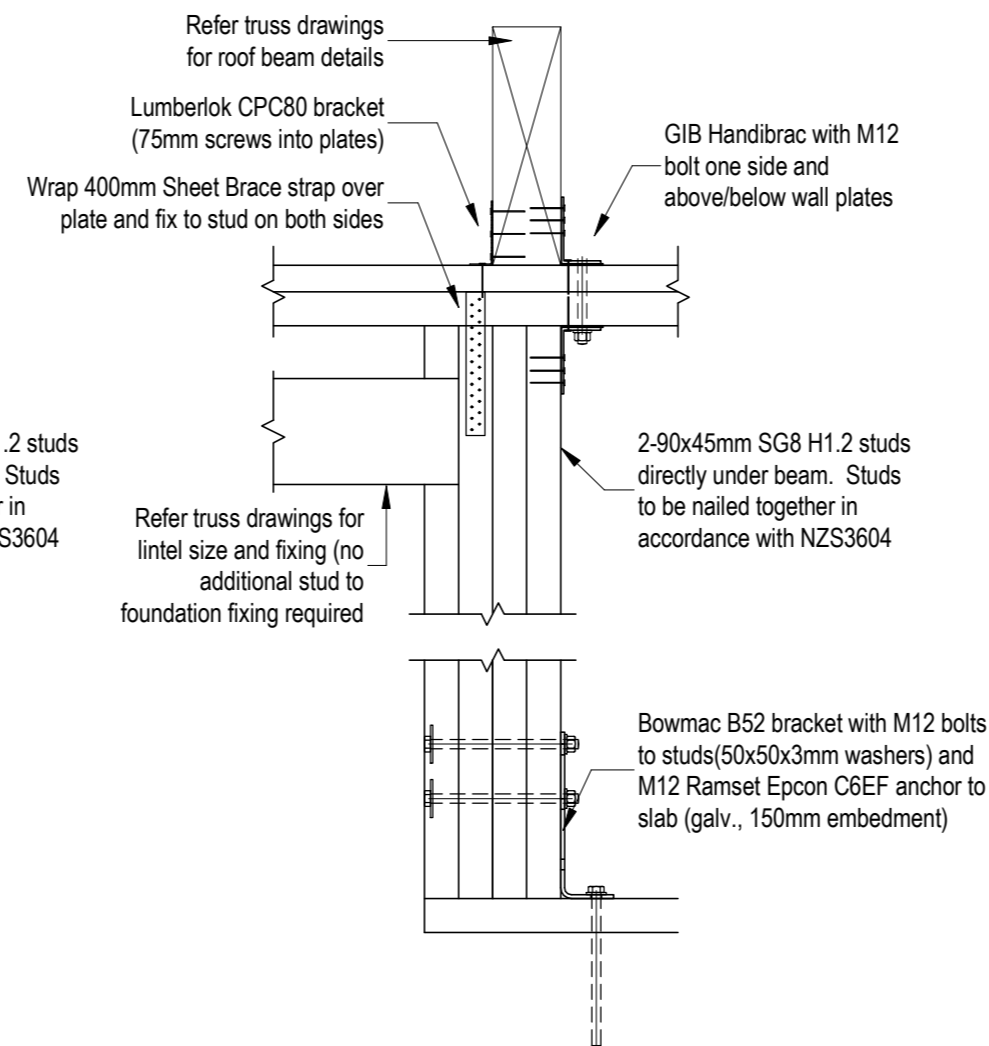
2 WINDOW W03 AND DOORS D07 & D08 LINTEL FIXING DETAIL
Scale 1 : 10



INTERNAL WALL



CENTRE OF BEAM



EXTERNAL WALL

3 ROOF BEAM OVER TOILETS FIXING DETAIL
Scale 1 : 10

Do not scale from this drawing.
Verify all dimensions on site prior to construction.

REV	DATE	DESCRIPTION
0	17-01-21	Building Consent

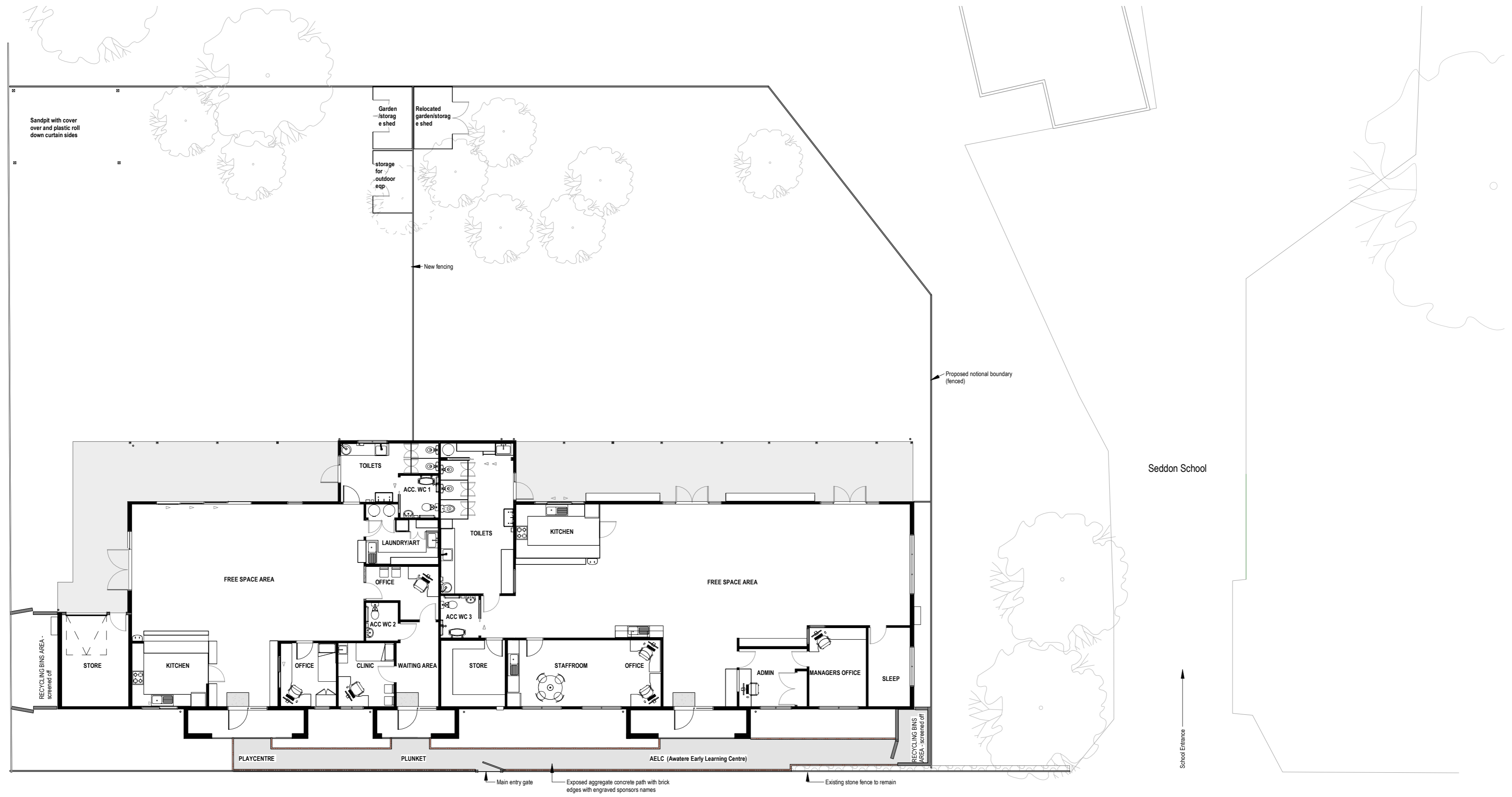
Marlborough District Council
Date Received: 26/2/2021

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PROJECT
Awatere ECE Hub
Redwood Street, Seddon
CLIENT
Awatere ECE Hub Community Trust

DRAWING
SED Lintel & Beam Fixings
ORIGIN DATE

STATUS	
BUILDING CONSENT	
DESIGNED	SCALE (A2)
MOB	1 : 10
DRAWN	REVISION DATE
MOB	17-01-21
APPROVED	DWG NO.
RE	6433-S04
	REVISION
	0



PLAYCENTRE
 FLOOR AREA: 191.5m²
 OUTDOOR AREA: 380m²

AELC
 FLOOR AREA: 254m²
 OUTDOOR AREA: 413m²

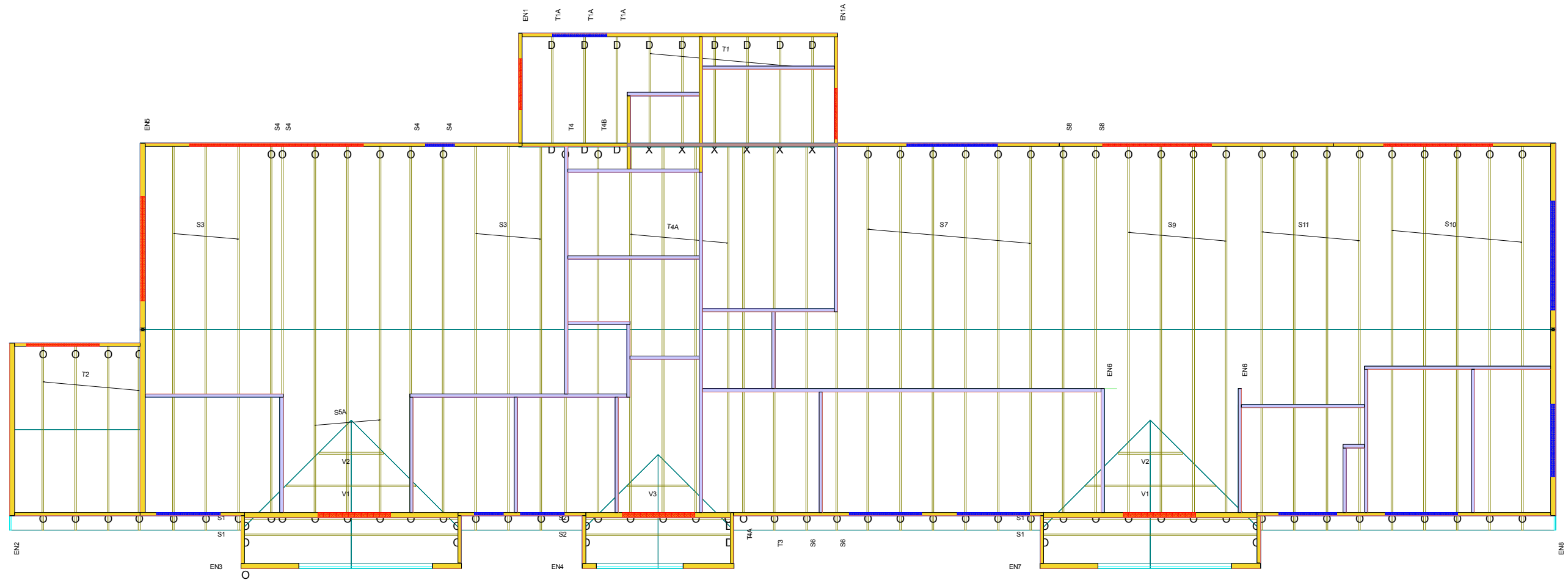
OVERALL
 FLOOR AREA: 445m²
 SITE AREA: 1525m²

Marketing floor plan

Awatere ECE Hub

Awatere ECE Hub Community Trust - Redwood Street, Seddon





Truss design allows for Solar Panels on this side of the roof.

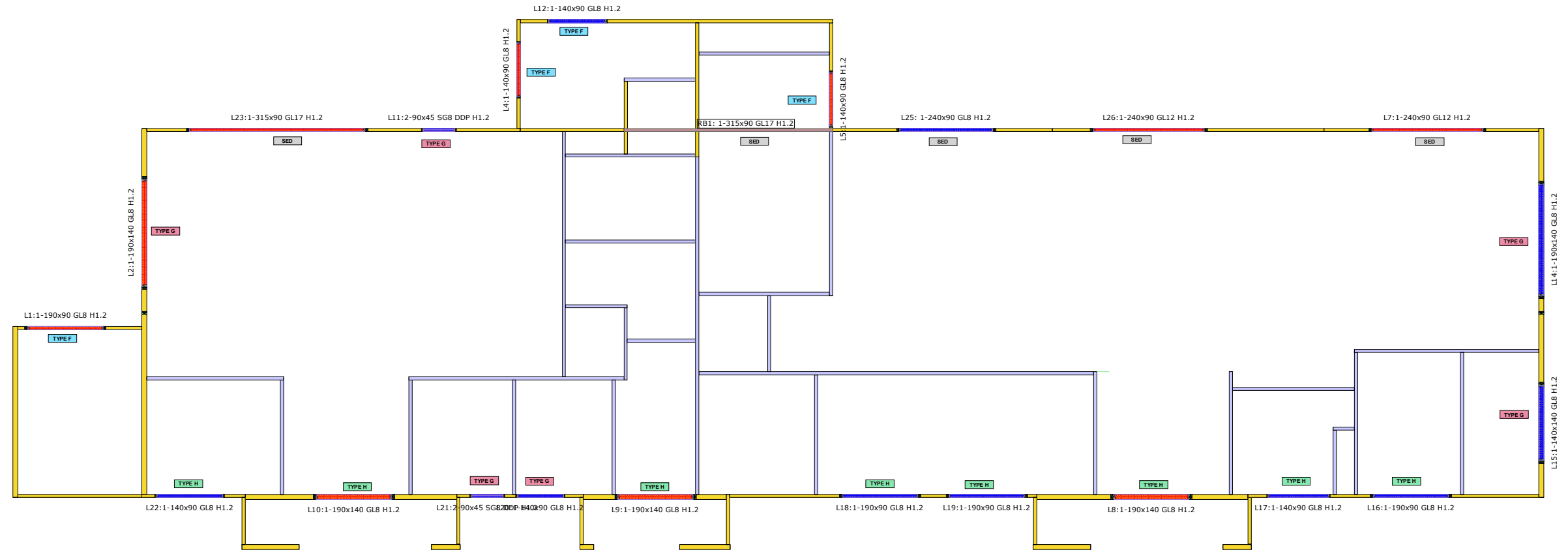
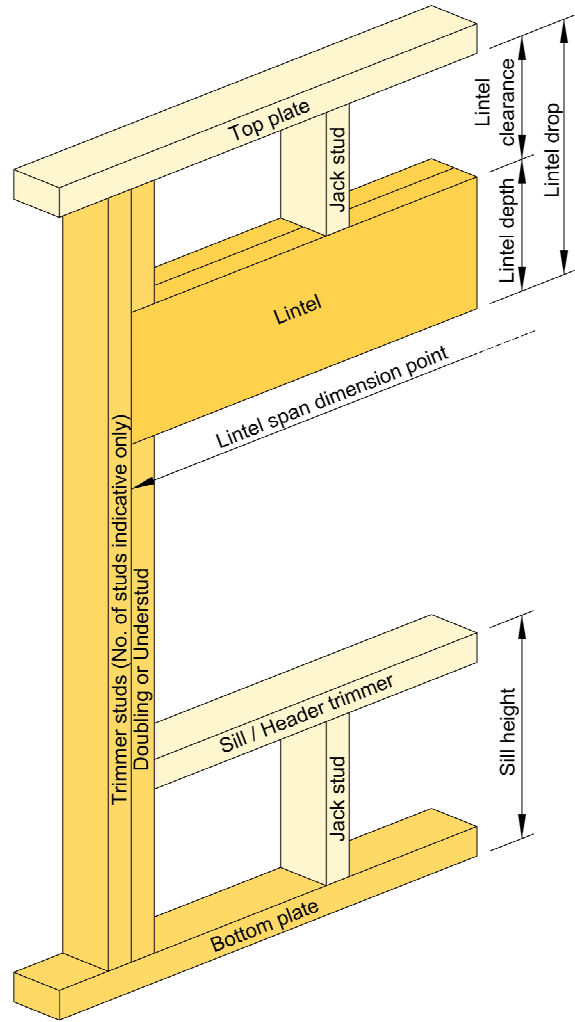
BLENHEIM
Blenheim Building Centre
Marlborough District Council
Phone: (03) 578 3049
41 Holdsworth St, Blenheim, New Zealand

OT No.: **1645971B-EN-02**
Name: Awatere ECE Hub
Address: Redwood street
Seddon

Sheet Title: Buildable Truss Layout for Building Consent		Building Consent No.:
Snow Zone: Blenheim (N3)	Snow Altitude: 220.000 m	
Wind Area: VeryHigh	Design Wind Speed: 50.0 m/s	
TC Restraints: 900 mm	BC Restraints: 600 mm	
Roof Material: Galv Iron 0.55mm	Ceiling Material: Standard Plaster Board 13mm	
Roof Live Load: 0.25kPa	Ground Snow Load: 0.300 kPa	
Roof Pitch: 25.00 °	Truss Centres: 900 mm	

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Drawn By: _____ Date: 12/03/2020

- TYPE E** = 1.4kN
- TYPE F** = 4.0kN
- TYPE G** = 7.5kN
- TYPE H** = 13.5kN
- SED** = Specific Engineering Design



Refer to:
 LUMBERLOK Lintel Fixing Schedule 10/2011,
 MiTek Structural Fixings **On-Site Guide** for Building
 Code Compliance
 (Alternative to Table 8.14 & Figure 8.12 NZS 3604:2011)

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OT No.: **1645971B-EN-02**
 Name: Awatere ECE Hub
 Address: Redwood street
 Seddon

Sheet Title: Lintel Fixing Layout for Building Consent

Snow Zone: Blenheim (N3)
 Wind Area: VeryHigh
 TC Restraints: 900 mm
 Roof Material: Galv Iron 0.55mm
 Roof Live Load: 0.25kPa
 Roof Pitch: 25.00 °

Snow Altitude: 220.000 m
 Design Wind Speed: 50.0 m/s
 BC Restraints: 600 mm
 Ceiling Material: Standard Plaster Board 13mm
 Ground Snow Load: 0.300 kPa
 Truss Centres: 900 mm

Building Consent No.:

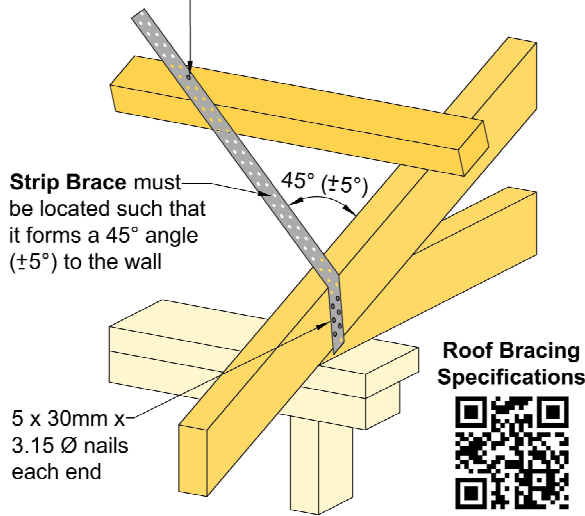
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Structure / Model: **1645971B-ST-02**
 Drawn By: _____ Date: 12/03/2020

LUMBERLOK[®] ROOF BRACING

1 x 30mm x 3.15 Ø nail (after tensioning)
 Bracing above Purlins = 1 nail @ each purlin crossing
 Bracing below Purlins = 1 nail @ each truss crossing



Refer to:
 LUMBERLOK Roof Bracing Specifications 10/2011
 MiTek Structural Fixings **On-Site Guide** for Building Code Compliance (As per NZS 3604:2011)

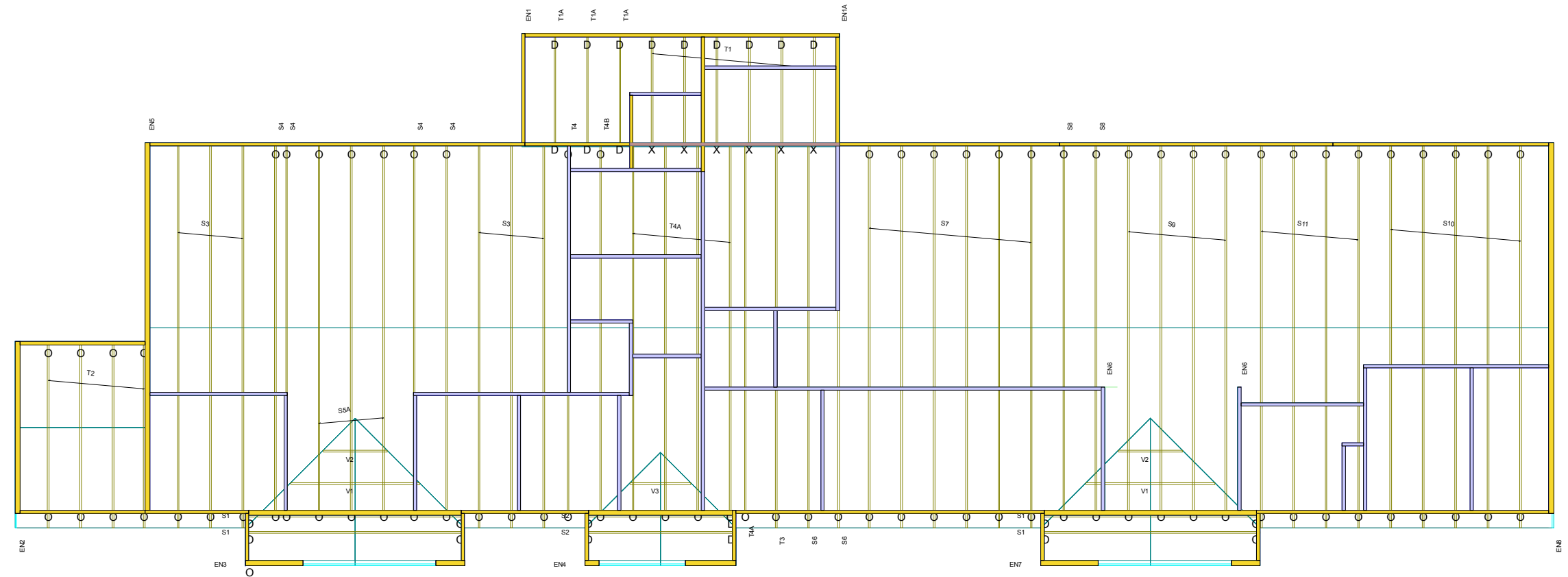
LUMBERLOK[®] TRUSS FIXINGS

- X = LUMBERLOK JH47x90 Joist Hanger
- Z = LUMBERLOK JH47x120 Joist Hanger
- P = LUMBERLOK JH47x190 Joist Hanger
- E = LUMBERLOK JH95x165 Joist Hanger
- O = Pair of LUMBERLOK CT200 Ceiling Ties
- H = LUMBERLOK CT400 Cyclone Tie
- B = LUMBERLOK CT600 Cyclone Tie
- M = Pair of LUMBERLOK Multi Grips
- NP = LUMBERLOK Nailon Plate
- N = LUMBERLOK N21 Diagonal Cleat
- W = Pair of LUMBERLOK CPC40 Cleats
- K = LUMBERLOK TTP 16kN Truss to Top Plate set
- G = LUMBERLOK TTP 9kN Truss to Top Plate set



Notes:
 All other areas must have the minimum 2 x 90mm 3.15mm skew nails and 2 x wire dogs for truss to top plate connections
Refer to:
 LUMBERLOK Timber Connectors Characteristic Loadings Data brochure 08/2014

APPROVED DOCUMENTS
 Date Approved: 09/03/2021
MARLBOROUGH DISTRICT COUNCIL



Truss design allows for Solar Panels on this side of the roof.

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OT No.: **1645971B-EN-02**
 Name: Awatere ECE Hub
 Address: Redwood street
 Seddon

Sheet Title: Truss Fixings & Roof Bracing Layout for Building Consent		Building Consent No.:
Snow Zone: Blenheim (N3)	Snow Altitude: 220.000 m	
Wind Area: VeryHigh	Design Wind Speed: 50.0 m/s	
TC Restraints: 900 mm	BC Restraints: 600 mm	
Roof Material: Galv Iron 0.55mm	Ceiling Material: Standard Plaster Board 13mm	
Roof Live Load:	Ground Snow Load: 0.300 kPa	
Roof Pitch: 25.00 °	Truss Centres: 900 mm	

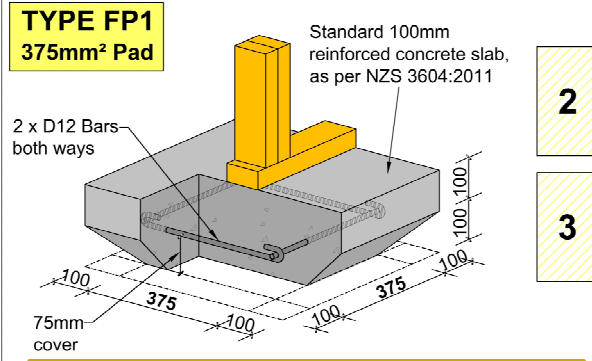
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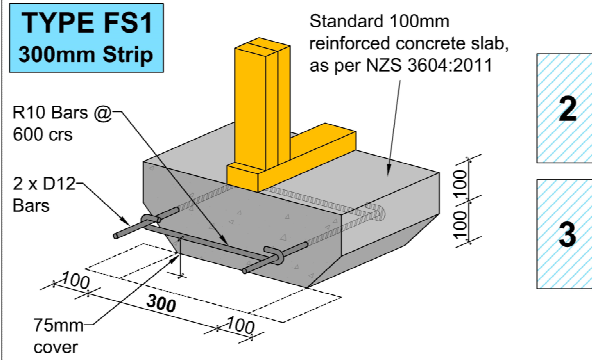
Structure / Model: **1645971B-ST-02**
 Drawn By: _____ Date: 12/03/2020

SLAB THICKENING & STUD REQUIREMENTS

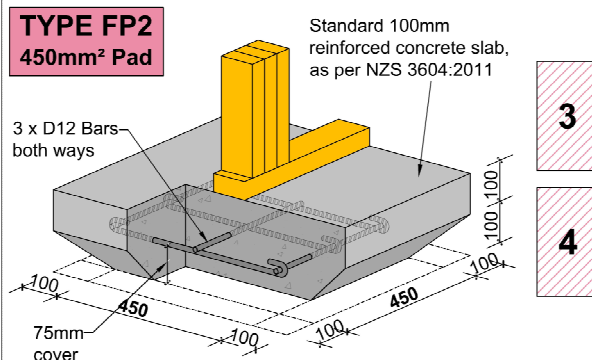
APPROVED DOCUMENTS
Date Approved: 09/03/2021
MARLBOROUGH DISTRICT COUNCIL



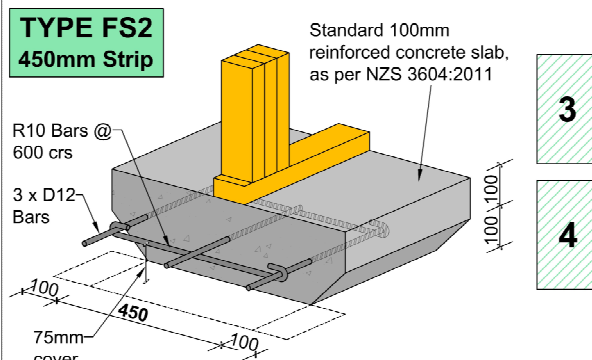
2
3



2
3

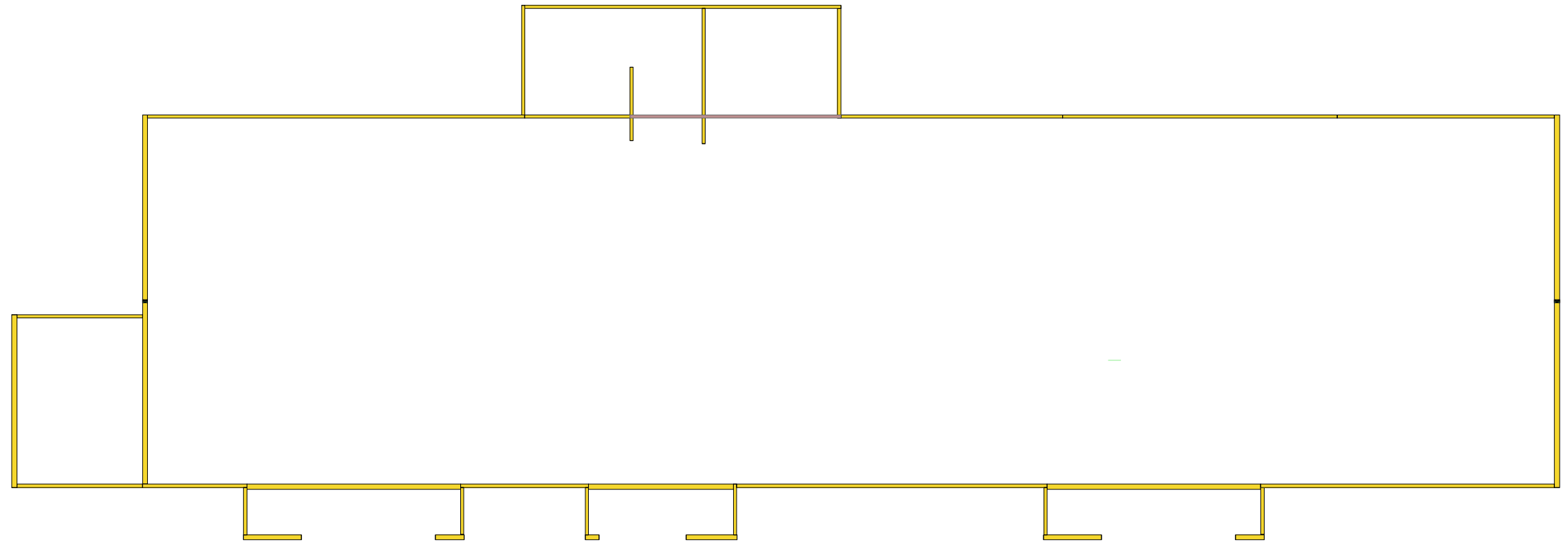


3
4



3
4

Notes:
The numbers found in the hatched areas are the numbers of studs required below each truss.
Refer to:
MiTek Internal Load Bearing on Concrete Floor Slabs 10/2011 MiTek Structural Fixings **On-Site Guide** for Building Code Compliance



slab thickening not required by trusses.

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41 Holdsworth St, Blenheim, New Zealand

OT No.: **1645971B-EN-02**
Name: Awatere ECE Hub
Address: Redwood street
Seddon

Sheet Title: **Slab Thickening Layout for Building Consent**

Snow Zone: Blenheim (N3)	Snow Altitude: 220.000 m
Wind Area: VeryHigh	Design Wind Speed: 50.0 m/s
TC Restraints: 900 mm	BC Restraints: 600 mm
Roof Material: Galv Iron 0.55mm	Ceiling Material: Standard Plaster Board 13mm
Roof Live Load: 0.25kPa	Ground Snow Load: 0.300 kPa
Roof Pitch: 25.00 °	Truss Centres: 900 mm

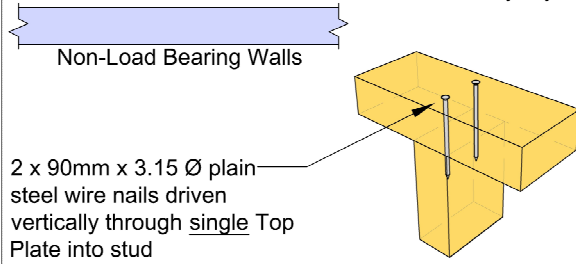
Building Consent No.:

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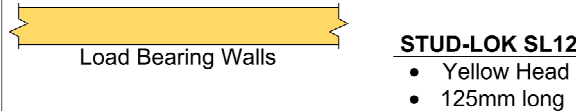
Structure / Model: **1645971B-ST-02**
Drawn By: _____ Date: 12/03/2020

TYPE A - 0.7 kN

*Images are indicative only.
Timber sizes may vary.

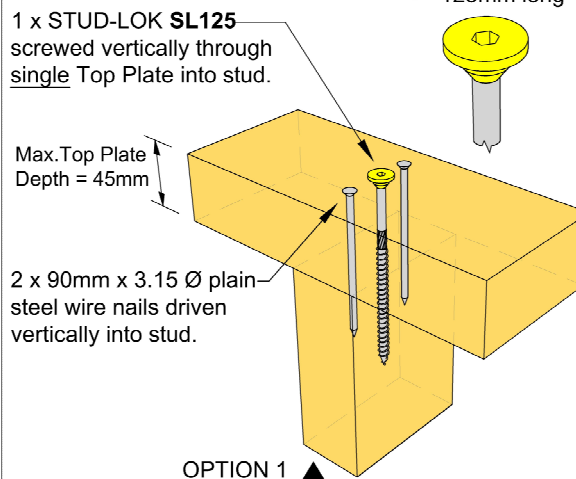


TYPE B - 4.7 kN



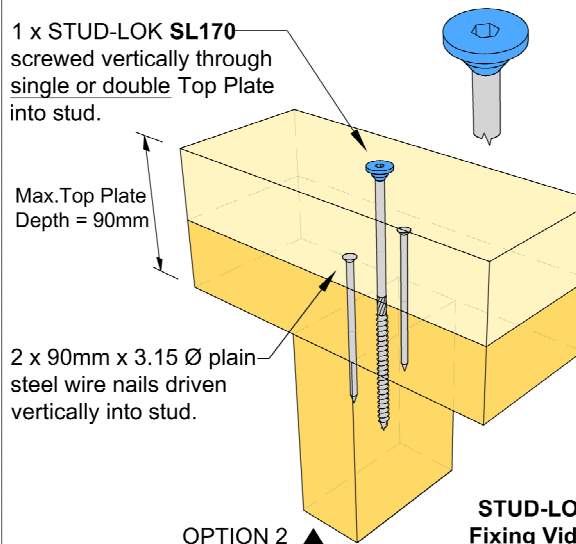
STUD-LOK SL125

- Yellow Head
- 125mm long



STUD-LOK SL170

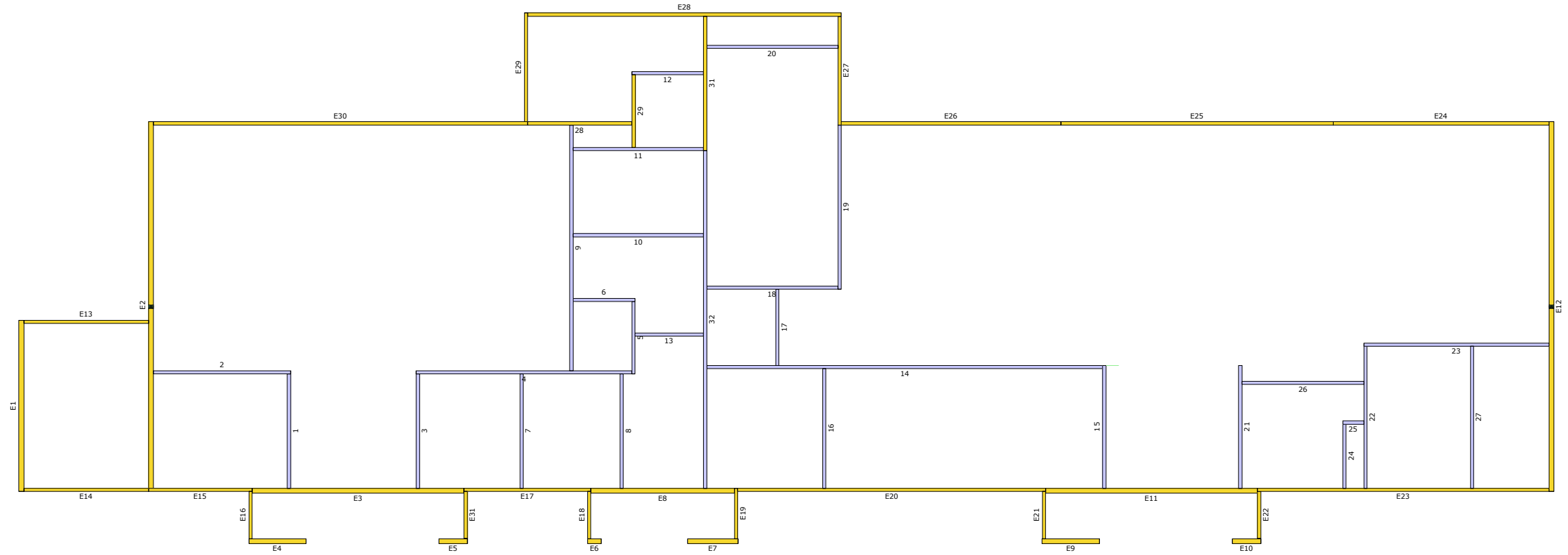
- Blue Head
- 170mm long



STUD-LOK Fixing Video



Refer to:
BOWMAC STUD-LOK Stud to Top Plate Fixing Selection Chart #### MiTek Structural Fixings
On-Site Guide for Building Code Compliance
(Alternative to NZS 3604:2011 Section 8)



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OT No.: **1645971B-EN-02**
Name: Awatere ECE Hub
Address: Redwood street
Seddon

Sheet Title: Stud To Top Plate Layout for Building Consent		Building Consent No.:
Snow Zone: Blenheim (N3)	Snow Altitude: 220.000 m	
Wind Area: VeryHigh	Design Wind Speed: 50.0 m/s	
TC Restraints: 900 mm	BC Restraints: 600 mm	
Roof Material: Galv Iron 0.55mm	Ceiling Material: Standard Plaster Board 13mm	
Roof Live Load: 0.25kPa	Ground Snow Load: 0.300 kPa	
Roof Pitch: 25.00 °	Truss Centres: 900 mm	

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Structure / Model: **1645971B-ST-02**
Drawn By: _____ Date: 12/03/2020